

Prof. LATİFE BERRİN ERBAY

Personal Information

Web: <https://avesis.ogu.edu.tr/lberbay>

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Mühendislik ve Mimarlık Fakültesi Makine Müh. Bölüm. M2 Blok 26040, Odunpazarı - ESKİŞEHİR

International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-5891-2019

ScopusID: 6602087985

Yoksis Researcher ID: TR2625

Education Information

Doctorate, Istanbul Technical University, Nükleer Enerji Enstitüsü, Nükleer Enerji (Dr), Turkey 1984 - 1988

Postgraduate, Bogazici University, Institute Of Science, Nükleer Mühendislik (YI) (Tezli) (İngilizce), Turkey 1978 - 1982

Certificates, Courses and Trainings

Quality Management, ISO 9001 Kalite Yönetim Sistemi, KGS Danışmanlık Ltd. Şti. , 2008

Dissertations

Doctorate, Mathematical Modeling of Transient Two-Phase Flow During Blowdown in the Water Cooled Power Reactors, Istanbul Technical University, Nükleer Enerji Enstitüsü, Nükleer Enerji (Dr), 1988

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1997 - Continues

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1991 - 1997

Assistant Professor, Anadolu University, Faculty Of Engineering, Department Of Mechanical Engineering, 1988 - 1991

Lecturer PhD, Anadolu University, Faculty Of Engineering, Department Of Mechanical Engineering, 1984 - 1988

Research Assistant, Anadolu University, Faculty Of Engineering, Department Of Mechanical Engineering, 1984 - 1984

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 1981 - 1984

Occupational Expert, Bogazici University, Faculty Of Engineering, 1979 - 1981

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2007 - 2010
Head of International Office, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2003 - 2004
Coordinator of The Rectorate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2003 - 2004
Coordinator of The Rectorate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2002 - 2004
Academic Performance D. Board Member, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 2002 - 2003
University Executive Board Member, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1999 - 2002
Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1998 - 2001
Vice Dean, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, 1993 - 1996
Deputy Head of Department, Anadolu University, Faculty Of Engineering-Architecture, Department Of Mechanical Engineering, 1992 - 1993

Courses

İLERİ MÜHENDİSLİK TERMODİNAMIĞI, Doctorate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2010 - 2011
TERMOHİDROLİK TASARIM ARAŞTIRMALARI A, Undergraduate, 2020 - 2021
DOKTORA TEZ ÇALIŞMASI D, Doctorate, 2020 - 2021
TERMOHİDROLİK TASARIM ARAŞTIRMALARI(A) , Undergraduate, 2019 - 2020
TERMOHİDROLİK TASARIM ARAŞTIRMALARI(A) , Undergraduate, 2019 - 2020
DOKTORA TEZ ÇALIŞMASI(D), Doctorate, 2019 - 2020
UZMANLIK ALAN DERSİ D, Doctorate, 2020 - 2021
UZMANLIK ALAN DERSİ (YL)(D), Postgraduate, 2019 - 2020
UZMANLIK ALAN DERSİ (DR)(D), Doctorate, 2019 - 2020
YÜKSEK LİSANS TEZ ÇALIŞMASI D, Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSİ N, Postgraduate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI L, Postgraduate, 2020 - 2021
TERMAL SİSTEMLERİN EXERGY ANALİZİ(A), Doctorate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2014 - 2015, 2013 - 2014
TERMOHİDROLİK TASARIM ARAŞTIRMALARI A, Undergraduate, 2020 - 2021
UZMANLIK ALAN DERSİ D, Postgraduate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI(E), Postgraduate, 2019 - 2020
TERMOHİDROLİK TASARIM - I A, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013
TERMOHİDROLİK TASARIM II(A), Postgraduate, 2019 - 2020, 2018 - 2019, 2012 - 2013
UZMANLIK ALAN DERSİ (YL)(E), Postgraduate, 2019 - 2020
YÜKSEK LİSANS TEZ ÇALIŞMASI(D), Postgraduate, 2019 - 2020
HEAT TRANSFER, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011
ENGINEERING THERMODYNAMICS - I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
HEAT TRANSFER, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011
ENGINEERING THERMODYNAMICS - I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

ENGINEERING THERMODYNAMICS - II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

ENGINEERING THERMODYNAMICS - II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

ISI GEÇİŞİNDE ÖZEL PROBLEMLER, Doctorate, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2011 - 2012

ENERJİ VE MOMENTUM TRANSFERİ (A), Doctorate, 2017 - 2018, 2013 - 2014, 2012 - 2013

Advising Theses

Erbay L. B., Plakalı ısı değıştiricilerinde chevron tipi etkilerinin incelenmesi, Postgraduate, A.CAN(Student), 2019

Erbay L. B., Şerit kanatlı bir ısı değıştiricisinin deneysel ve sayısal termohidrolik analizi, Postgraduate, A.LÜTFÜ(Student), 2019

Erbay L. B., Hermetik pistonlu kompresörlerde egzoz hattı basınç salınımlarına etki eden parametrelerin deneysel ve sayısal incelenmesi, Doctorate, İ.YEŞİLAYDIN(Student), 2018

Erbay L. B., Havacılık motoru türbin disk boşluğunun sonlu hacim ve sonlu elemanlar modellerinin bütünleşik çözüm tekniğı kullanılarak termohidrolik analizi, Doctorate, E.NADİR(Student), 2017

Erbay L. B., Hava soğutmalı mini kanallı panjurlu kanatlı bir evsel buzdolabı kondenserinin farklı nem ve sabit soğutma yükü koşullarında sayısal ve deneysel analizi, Doctorate, B.DOĞAN(Student), 2017

Erbay L. B., Mini-mikro kanallı bir buzdolabı kondenserinin minimum gaz şarjı sağlayacak tasarımlarının belirlenmesi, Doctorate, M.TOSUN(Student), 2016

Erbay L. B., Absorpsiyonlu soğutma sistemleri, Postgraduate, A.ORAK(Student), 2016

Erbay L. B., Reküperatör boru konstrüksiyonunun verime olan etkisinin deneysel ve sayısal yöntemlerle araştırılması, Postgraduate, H.SELÇUK(Student), 2016

Erbay L. B., Bir ergimiş tuz reaktör-toryum tipi güç santralında kullanılacak gövde borulu ısı değıştirici tasarımı, Postgraduate, O.YALINAYAK(Student), 2015

Erbay L. B., Karbondioksit soğutkanlı buhar sıkıştırma soğutma çevrimi deney seti tasarımı, Postgraduate, C.POLAT(Student), 2015

Erbay L. B., Jet çarpma ile soğutma sistemi özelliklerinin sayısal araştırılması, Postgraduate, E.NADİR(Student), 2014

Erbay L. B., Hava soğutmalı mini-mikro kanallı kondenserlerde kanat yüksekliğı ve adımının performansa etkisinin araştırılması, Postgraduate, S.AKYÜZ(Student), 2013

Erbay L. B., Ev tipi buzdolabı kondenserinin kabindibi performansının sayısal araştırılması, Postgraduate, H.YILMAZ(Student), 2012

Erbay L. B., Ev tipi soğutucu kompresörlerde çıkış hattında akış kaynaklı kayıpların incelenmesi, Postgraduate, İ.YEŞİLAYDIN(Student), 2012

Erbay L. B., Ev tipi soğutucu kompresörlerinde termodinamik kayıpların analizi, Postgraduate, S.KARA(Student), 2011

Erbay L. B., Enerji ve ekserji analizi ile kazım taşkent şeker fabrikası verimliliğinin hesaplanması, Postgraduate, B.ÇAM(Student), 2011

Erbay L. B., Gelişmekte olan laminar akışta farklı kanal kesitlerinde entropi üretimi üzerine bir çalışma, Postgraduate, B.DOĞAN(Student), 2011

Erbay L. B., Ağır ticari araç soğutma performanslarının deneysel analizi, Postgraduate, O.ALKAN(Student), 2010

Erbay L. B., Plakalı eşanjör etkinlik parametrelerinin deneysel analizi, Postgraduate, C.DANIŞMAN(Student), 2010

Erbay L. B., Dikey derin dondurucularda sistem optimizasyonu, Doctorate, T.SARIÇAY(Student), 2010

Erbay L. B., Bir minikanallı buharlaştırıcının performansının deneysel olarak araştırılması, Postgraduate, M.TOSUN(Student), 2010

Erbay L. B., Rollbond buharlaştırıcı tasarımının doğrudan genleşmeli ısı pompası performansına etkisinin deneysel olarak incelenmesi, Doctorate, E.MUTLU(Student), 2010

Erbay L. B., Isı borularının dizayn teknolojisi ve ısı borulu ısı değıştiricilerinin incelenmesi, Postgraduate, A.KUŞ(Student), 2009

Erbay L. B., Farklı çevre koşullarının hava kaynaklı ısı pompasının performansına etkisinin deneysel olarak incelenmesi, Doctorate, M.METE(Student), 2009

Erbay L. B., Kaynak işlemleri sırasında ısı geçişinin deneysel ve teorik analizi, Postgraduate, S.LEBLEBİCİ(Student), 2009

Erbay L. B., CNC tezgahlarda parçaya şekil verilmesi sırasında ısı etkilerinin teorik ve deneysel analizi, Postgraduate, E.ÇINA(Student), 2009

Erbay L. B., Endüstriyel tip bir bisküvi fırınının analitik ve deneysel analizi, Postgraduate, Ö.ŞAHİN(Student), 2008

Erbay L. B., Laminer sınır tabaka içerisinde yüzey sürtünme katsayısının kama açısına bağlı olarak değişimi, Postgraduate, M.KESKİN(Student), 2007

Erbay L. B., Alt yüzeyi eksenal hareketli yatay paralel iki levha arasında geçici rejimde laminer akışın sayısal ısı incelemesi, Postgraduate, G.ERCAN(Student), 2002

Erbay L. B., İç cidarı hareketli yatay halka kanalda geçici rejimde laminer akışın sayısal ısı incelemesi, Postgraduate, M.ŞEREF(Student), 2002

Erbay L. B., Dönmekte olan bir halka kanalda doğal taşınım, Postgraduate, M.GÜRESİN(Student), 2001

Erbay L. B., Ergimiş-tuz reaktörlerle stirling motorlarının olası kombinasyonlarının tartışılması, Postgraduate, K.ASLANTAŞ(Student), 2001

Erbay L. B., Kapalı bir ortamda doğal taşınım ile ısı geçişi sırasında entropi üretiminin incelenmesi, Doctorate, B.SÜLÜŞ(Student), 2001

Erbay L. B., Katılma sırasında ısı transferinin analitik ve nümerik incelenmesi, Postgraduate, M.MURAT(Student), 2000

Erbay L. B., Helisel boruda akışkan akışının analizi, Postgraduate, O.ERDİNÇ(Student), 1999

Erbay L. B., Yalıtımda lifli malzemelerin kullanımı, Postgraduate, M.GÖKGÖZ(Student), 1997

Erbay L. B., Sodyum soğutmalı nükleer reaktörlerin termohidrolik analizi, Postgraduate, B.SÜLÜŞ(Student), 1995

Erbay L. B., Nükleer reaktörlerde kullanılan buhar üreticilerinin karşılaştırılması ve buhar üretici modellemesi için matematiksel teknikler, Postgraduate, S.TATLICAN(Student), 1992

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2020

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2020

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2020

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, July, 2020

Committee Of Expert, Committee Of Expert, Eskişehir Osmangazi University, September, 2019

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, September, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Teknik Üniversitesi, July, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, July, 2018

Competition, İSİB İklimlendirme Sanayi Ürün ve Mühendislik Tasarımı Yarışması, İSİB, May, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, April, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Anadolu Üniversitesi, June, 2017

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, June, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017

Üniversitesi, May, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2017
Competition, İSİB İklimlendirme Sanayi Ürün ve Mühendislik Tasarımı Yarışması, İSİB, March, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, January, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, January, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, January, 2017
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2016
Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, June, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, May, 2016
Competition, İSİB Tasarım Yarışması, İSİB, April, 2016
Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, December, 2015
Committee Of Expert, Committee Of Expert, Eskişehir Osmangazi Üniversitesi, December, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2015
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, December, 2015
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, December, 2015
Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, December, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2015
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, December, 2015
Committee Of Expert, Committee Of Expert, Eskişehir Osmangazi University, October, 2015
Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2015
Competition, İSİB Tasarım Yarışması, İSİB, June, 2015
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi

Üniversitesi, June, 2015

Committee Of Expert, Committee Of Expert, Eskisehir Osmangazi University, June, 2015

Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, June, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Anadolu Üniversitesi, May, 2015

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, February, 2015

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, February, 2015

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, February, 2015

Committee Of Expert, Committee Of Expert, Eskisehir Osmangazi University, January, 2015

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, May, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Anadolu Üniversitesi, April, 2014

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, April, 2013

Committee Of Expert, Committee Of Expert, Anadolu Üniversitesi, February, 2013

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, February, 2013

Committee Of Expert, Committee Of Expert, Ministry of Science, Industry and Technology, February, 2013

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2012

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Muğla Sıtkı Koçman Üniversitesi, September, 2012

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, June, 2012

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, June, 2012

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, June, 2012

Committee Of Expert, Committee Of Expert, Eskişehir Valiliği, April, 2012

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İzmir Yüksek Teknoloji Enstitüsü, November, 2011

Committee Of Expert, Committee Of Expert, Eskişehir Osmangazi Üniversitesi, April, 2011

Committee Of Expert, Committee Of Expert, Ministry of Industry and Trade, March, 2011

Committee Of Expert, Committee Of Expert, Ministry of Industry and Trade , March, 2011

Committee Of Expert, Committee Of Expert, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY, March, 2008

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Üniversitesi, August, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, July, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Hitit Üniversitesi, February, 2007

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kütahya Dumlupınar Üniversitesi, December, 2006

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Eskişehir Osmangazi Üniversitesi, September, 2006

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Muğla Sıtkı Koçman Üniversitesi, July, 2006
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kütahya Dumlupınar Üniversitesi, May, 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel condenser with offset strip fins on a mini channel flat tube for reducing the energy consumption of a household refrigerator**
DOĞAN B., Ozturk M. M., Tosun T., Tosun M., ERBAY L. B.
Journal of Building Engineering, vol.44, 2021 (SCI-Expanded)
- II. **The effect of refrigerant circuitry on the performance of a freezer with a tube-on-sheet evaporator**
Tosun T., Ozturk M. M., DOĞAN B., ERBAY L. B.
Science and Technology for the Built Environment, vol.27, no.5, pp.557-566, 2021 (SCI-Expanded)
- III. **Integration of a mini-channel condenser into a household refrigerator with regard to accurate capillary tube length and refrigerant amount**
Tosun M., DOĞAN B., Ozturk M. M., ERBAY L. B.
INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE INTERNATIONALE DU FROID, vol.98, pp.428-435, 2019 (SCI-Expanded)
- IV. **Effect of working fluid on the performance of the duplex Stirling refrigerator**
DOĞAN B., Ozturk M. M., ERBAY L. B.
JOURNAL OF CLEANER PRODUCTION, vol.189, pp.98-107, 2018 (SCI-Expanded)
- V. **Overall performance of the duplex Stirling refrigerator**
ERBAY L. B., Ozturk M. M., DOĞAN B.
ENERGY CONVERSION AND MANAGEMENT, vol.133, pp.196-203, 2017 (SCI-Expanded)
- VI. **Numerical Investigation of the Air-Side Thermal Hydraulic Performance of a Louvered-Fin and Flat-Tube Heat Exchanger at Low Reynolds Numbers**
ERBAY L. B., UĞURLUBİLEK N., ALTUN Ö., DOĞAN B.
HEAT TRANSFER ENGINEERING, vol.38, no.6, pp.627-640, 2017 (SCI-Expanded)
- VII. **Turkey**
ERBAY L. B.
MOLTEN SALT REACTORS AND THORIUM ENERGY, pp.735-744, 2017 (SCI-Expanded)
- VIII. **An experimental comparison of two multi-louvered fin heat exchangers with different numbers of fin rows**
DOĞAN B., ALTUN Ö., UĞURLUBİLEK N., Tosun M., Saricay T., ERBAY L. B.
APPLIED THERMAL ENGINEERING, vol.91, pp.270-278, 2015 (SCI-Expanded)
- IX. **AN EXPERIMENTAL ANALYSIS OF AIR SOURCE HEAT PUMP WATER HEATER**
Ozturk M. M., Erbay L. B.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.32, no.1, pp.117-127, 2012 (SCI-Expanded)
- X. **Flow exergy destruction in ducts**
Erbay L. B.
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.27, no.2, pp.1-6, 2007 (SCI-Expanded)
- XI. **Entropy generation during fluid flow between two parallel plates with moving bottom plate**
ERBAY L. B., Ercan M. Ş., SÜLÜŞ B., Yalçın M. M.
Entropy, vol.5, pp.506-518, 2003 (SCI-Expanded)
- XII. **Optimization of the irreversible stirling heat engine**
Erbay L. B., Yavuz H.
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Erbay L. B., Project Supported by Higher Education Institutions, Na Soğutmalı Nükleer Reaktörlerde Kaza Anı Termo Hidrolik Analizi , 1995 - 1997

Activities in Scientific Journals

Mühendis ve Makina, Assistant Editor/Section Editor, 2018 - Continues

Mühendis ve Makina, Publication Committee Member, 2004 - Continues

Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, Committee Member, 1998 - 2009

Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, Committee Member, 1998 - 2009

Memberships / Tasks in Scientific Organizations

T.M.M.O.B Makina Müh. Odası Eskişehir Şubesi, Member of Advisory Board, 2012 - Continues, Turkey

Türk Isı Bilimi ve Tekniği Derneği , Board Member, 2012 - Continues, Turkey

Scientific Refereeing

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Horizon Europe Project, Horizon Europe Project, HORIZON-EIC-2023-PATHFINDERCHALLENGES, Belgium, December 2023

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Project Supported by Higher Education Institutions, BAP Research Project, Mugla Sitki Kocman University, Turkey, March 2001

Scientific Consultations

TENMAK, Project Consultancy, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Makina Müh.Bölümü, Turkey, 2022 - 2023

Tasks In Event Organizations

Erbay L. B., 22. Isı Bilimi ve Tekniği Kongresi, Scientific Congress, Kocaeli, Turkey, Eylül 2019
Erbay L. B., 21. Ulusal Isı Bilimi ve Tekniği Kongresi, Scientific Congress, Çorum, Turkey, Eylül 2017
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