Prof. LATİFE BERRİN ERBAY

Personal Information

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International Researcher IDs
ORCID: 0000-0001-7302-0588
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 Scıence, Nükleer Mühendislik (Yl) (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 Engıneerıng, Department Of Mechanıcal Engıneerıng, 1988 - 1991
Lecturer PhD, Anadolu University, Faculty Of Engıneerıng, Department Of Mechanıcal Engıneerıng, 1984 - 1988
Research Assistant, Anadolu University, Faculty Of Engıneerıng, Department Of Mechanıcal Engıneerıng, 1984 - 1984
Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Deparment 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 Engıneerıng-Archıtecture, Department Of Mechanıcal Engıneerıng, 1992 - 1993

Courses

İLERİ MÜHENDİSLİK TERMODİNAMİĞİ, Doctorate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2010 - 2011
TERMOHIDROLIK TASARIM ARAŞTIRMALARI A, Undergraduate, 2020 - 2021
DOKTORA TEZ ÇALISMASI 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 DERSI D, Doctorate, 2020 - 2021
UZMANLIK ALAN DERSİ (YL)(D), Postgraduate, 2019 - 2020
UZMANLIK ALAN DERSİ (DR)(D), Doctorate, 2019 - 2020
YÜKSEK LISANS TEZ ÇALIŞMASI D, Postgraduate, 2020 - 2021
UZMANLIK ALAN DERSI N, Postgraduate, 2020 - 2021
YÜKSEK LISANS TEZ ÇALIŞMASI L, Postgraduate, 2020 - 2021
TERMAL SİSTEMLERİN EXERGY ANALİZİ(A), Doctorate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2014 - 2015, 2013 - 2014
TERMOHIDROLIK TASARIM ARAŞTIRMALARI A, Undergraduate, 2020 - 2021
UZMANLIK ALAN DERSI D, Postgraduate, 2020 - 2021
YÜKSEK LİSANS TEZ ÇALIŞMASI(E), Postgraduate, 2019 - 2020
TERMOHIDROLIK 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 değiştiricilerinde chevron tipi etkilerinin incelenmesi, Postgraduate, A.CAN(Student), 2019
Erbay L. B., Şerit kanatlı bir ısı değiştiricisinin 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 tekniği 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 değiştirici tasarımı, Postgraduate, O.YALINAYAK(Student), 2015
Erbay L. B., Karbondioksit soğutkanlı buhar sıkıştırmalı 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 yüksekliği 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 laminer 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 değiştiricilerinin 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 işlemi sırasıda ısı geçişinin deneysel ve teorik analizi, Postgraduate, S.LEBLEBİCİ(Student), 2009
Erbay L. B., CNC tezgahlarda parçaya şekil verilmesi sırasında ısıl etkilerin 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 eksenel hareketli yatay paralel iki levha arasında geçici rejimde laminer akışın sayısal ısıl incelemesi, Postgraduate, G.ERCAN(Student), 2002
Erbay L. B., İç cidarı hareketli yatay halka kanalda geçici rejimde laminer akışın sayısal ısıl 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., Katılaşma 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 matemetiksel 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, Eskisehir 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
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
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, Eskisehir 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., Yalçin 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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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
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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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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
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