

Prof. ÜMİT KEMALETTİN TERZİ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: X-6109-2019

ScopusID: 35103686000

Yoksis Researcher ID: 41824

Biography

Ümit K. TERZİ was born in Zonguldak in 1968. He received his bachelor's degree from Marmara University Technical Education Faculty Electrical Education Department in 1989. He received his Master's degree in 1994 and his doctorate in 2000 from Marmara University, Institute of Pure and Applied Sciences, Electrical Education Department. He worked as a Research Assistant between 1989-1996, a Lecturer between 1996-2000 and an Assistant Professor at Marmara University between 2000-2013. He has been working as an Associate Professor in the Faculty of Technology, Electrical and Electronics Department of Marmara University since 2013 and has been the Head of Department in the Department of Electrical Education at the Technical Education Faculty.

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (Dr), Turkey 1994 - 2000

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (YI) (Tezli), Turkey 1989 - 1994

Undergraduate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 1985 - 1989

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Mini hidroelektrik sistemler için gerilim ve frekans kontrollü asenkron generatör tasarımı, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (Dr), 2000

Postgraduate, Ülkemizde alternatif enerji kaynaklarının enerji üretimi için değerlendirilmesi, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (YI) (Tezli), 1994

Research Areas

Electrical and Electronics Engineering, Nanotechnology, Direct Energy Conversion and Energy Storage, Power System Analysis, Generating Stations and Plants, Electric Power Transmission, Distribution and Protection, Protection Systems, Renewable energy, Electrical Machine Theory and Design, Dielectric Materials and Devices

Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2020 - Continues

Associate Professor, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2013 - 2020

Assistant Professor, Marmara University, Faculty of Technical Education, Electric Education, 2000 - 2013

Lecturer, Marmara University, Faculty of Technical Education, Electric Education, 1996 - 2000

Research Assistant, Marmara University, Faculty of Technical Education, Electric Education, 1989 - 1996

Academic and Administrative Experience

Coordinator of The Rectorate, Marmara University, Faculty of Technical Education, Electric Education, 2017 - Continues

Coordinator of The Rectorate, Marmara University, Faculty of Technical Education, Electric Education, 2015 - Continues

Coordinator of The Rectorate, Marmara University, Faculty of Technical Education, Electric Education, 2015 - Continues

Marmara University, Faculty of Technical Education, Electric Education, 2014 - Continues

Fakülte Yönetim Kurulu Üyesi, Marmara University, Faculty of Technical Education, 2013 - Continues

Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Elektrik Eğitimi (YI) (Tezli), 2013 - Continues

Marmara University, Faculty of Technical Education, 2013 - Continues

Fakülte Kurulu Üyesi, Marmara University, Faculty of Technical Education, 2013 - Continues

Marmara University, Faculty of Technical Education, Electric Education, 2013 - Continues

Marmara University, Faculty of Technical Education, Electric Education, 2009 - 2013

Courses

Doctorate

Elektrik Sistemlerinde Nümerik Yöntemler, Doctorate, 2017 - 2018, 2015 - 2016, 2014 - 2015

Güç Sistemlerinde Planlama, Doctorate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Güç Sistemlerinde İleri Koruma Teknikleri, Doctorate, 2013 - 2014

Elektrik Sistemleri Simülasyon Programlarının Kullanımı, Doctorate, 2009 - 2010

Postgraduate

Dönem Projesi [UÖ], Postgraduate, 2018 - 2019

Güç Şebekelerinin Planlanması I, Postgraduate, 2018 - 2019

Elektrik Sistemlerinin Nümerik ve Deneysel Yöntemlerle, Postgraduate, 2018 - 2019, 2015 - 2016

Akıllı Kontrol Algoritma Uygulamaları II, Postgraduate, 2018 - 2019

Elektrikli Araçlarda Motor Tasarımı II, Postgraduate, 2017 - 2018

Güç Sistemleri I, Postgraduate, 2018 - 2019

Dönem Projesi, Postgraduate, 2018 - 2019, 2017 - 2018

Fotovoltaik Panellerde Güç Üretimi Optimizasyonu, Postgraduate, 2017 - 2018

Seminer , Postgraduate, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014

Akıllı Kontrol Algoritma Uygulamaları I , Postgraduate, 2018 - 2019

İş Sağlığı ve Güvenliğinde Elektrik, Postgraduate, 2018 - 2019, 2017 - 2018

Yenilenebilir Enerji Tabanlı Güç Sistemleri II, Postgraduate, 2016 - 2017

Elektrikli Araçlarda Motor Tasarımı I, Postgraduate, 2017 - 2018

SMA ile Sürülen Elektrik Motoru Tasarımı I, Postgraduate, 2016 - 2017

Yenilenebilir Enerji Kaynaklarında Dönüşüm ve Depolama, Postgraduate, 2015 - 2016, 2013 - 2014

Aktüatörler IV, Postgraduate, 2015 - 2016

Mühendislik Sistemlerinde Simülasyon Programlarının Kullanımı, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Elektrik Üretimi İçin Yenilenebilir Enerji Kaynaklarının Kullanımı, Postgraduate, 2010 - 2011

Undergraduate

Bitirme Projesi, Undergraduate, 2018 - 2019

Elektrik Devreleri ve Laboratuvar II, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2010 - 2011, 2009 - 2010

Teknik Yabancı Dil II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Enerji İletimi ve Dağılımı II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Bitirme Projesi I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Enerji İletimi ve Dağılımı I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Elektrik Makineleri Tasarımı, Undergraduate, 2018 - 2019

Elektromanyetik Dalga Teorisi, Undergraduate, 2018 - 2019

Teknik Yabancı Dil I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Elektrik Devreleri ve Laboratuvar I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2009 - 2010

Güç Sistemleri Analizi, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Bitirme Projesi II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Elektronik 1, Undergraduate, 2018 - 2019

Bitirme Projesi I, Undergraduate, 2017 - 2018, 2016 - 2017

Bitirme Projesi II, Undergraduate, 2017 - 2018, 2016 - 2017

Bilgisayar Destekli Teknik Resim, Undergraduate, 2018 - 2019

Elektrik Makineleri IV, Undergraduate, 2016 - 2017

Elektrik Makineleri II, Undergraduate, 2016 - 2017

Elektrik Makineleri III, Undergraduate, 2016 - 2017

Elektrik Makineleri I, Undergraduate, 2016 - 2017

İş Yeri Eğitimi, Undergraduate, 2016 - 2017

İstatistik ve Olasılık, Undergraduate, 2016 - 2017

Elektrik-Elektronik Mühendisliğine Giriş, Undergraduate, 2015 - 2016, 2014 - 2015

İş Sağlığı ve Güvenliği, Undergraduate, 2014 - 2015, 2013 - 2014, 2008 - 2009

Elektrik Tesisleri II, Undergraduate, 2013 - 2014

Özel Sarım Teknolojisi, Undergraduate, 2011 - 2012, 2010 - 2011

Sarım Teknolojisi, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Elektrik Sistemlerinin Bilgisayar Destekli Tasarımı, Undergraduate, 2010 - 2011

Associate Degree

Temel Güç Elektroniği, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015

Elektronik I, Associate Degree, 2018 - 2019

Elektronik II, Associate Degree, 2018 - 2019

Enerji Sistemleri Teknolojileri, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016

Endüstriyel Ölçme Sistemleri, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Elektrik Makineleri III, Associate Degree, 2016 - 2017, 2015 - 2016

Analog Elektronik, Associate Degree, 2016 - 2017

Sayısal Elektronik, Associate Degree, 2016 - 2017, 2015 - 2016

Mesleki Bilgisayar Kullanımı, Associate Degree, 2016 - 2017, 2015 - 2016

Mesleki Bilgisayar Kullanımı, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Sayısal Elektroniğin Temelleri, Associate Degree, 2016 - 2017, 2015 - 2016

Elektrik Makineleri III, Associate Degree, 2015 - 2016

Yüksek Gerilim Saha Testleri, Associate Degree, 2015 - 2016

Programlama Dili, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Sarım Tekniği, Associate Degree, 2014 - 2015

Mesleki İngilizce, Associate Degree, 2014 - 2015

Bilgisayar I, Associate Degree, 2013 - 2014, 2012 - 2013

Web Tasarımı, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012

Supervised Theses

Terzi Ü. K., Dağıtım Transformatörlerinin Güç Parametrelerinin Uzaktan Takibi, Postgraduate, E.Çeri(Student), Continues

Terzi Ü. K., Şekil Hafızalı Alaşımın Elektrik Motoru Tasarımı, Doctorate, H.Yunus(Student), Continues

Terzi Ü. K., Mevcut ve Yeni İnşa Edilecek Dağıtım Trafolarının Konum ve Güç Değerlerinin Kapsama Alanı Tabanlı Eniyilemesi, Doctorate, O.Akar(Student), Continues

Terzi Ü. K., Fotovoltaik Paneller için Veri Artışı Amaçlı Soğutma Modeli Tasarımı, Postgraduate, T.Furkan(Student), Continues

Terzi Ü. K., Akıllı Şehirlerde Atık Yönetimi Amaçlı Akıllı Çöp Kutusu Tasarımı, Postgraduate, H.Azaddar(Student), Continues

Terzi Ü. K., ARDUINO KONTROLLÜ ROBOT KOL İLE ATIK AYRIŞTIRMA SİSTEMİ, Postgraduate, G.GENÇOSMANOĞULLARI(Student), Continues

Terzi Ü. K., Sürücülü Aydınlatma Elemanlarının Anahtarlama Elemanları Üzerindeki Etkisinin Tekno-Ekonomik Analizi, Postgraduate, İ.Halil(Student), 2019

Terzi Ü. K., Yük Kaynaklı Bozucu Faktörlerin Elektrik Sayaçları Üzerindeki Etkilerinin Tekno-Ekonomik Analizi ve Çözüm Önerileri, Postgraduate, S.Günay(Student), 2019

Terzi Ü. K., MARMARA ÜNİVERSİTESİ GÖZTEPE KAMPÜSÜ İÇİN HİBRİT ENERJİ SİSTEMLERİNİN TEKNO-EKONOMİK VE ÇEVRESEL AÇIDAN İNCELENMESİ, Doctorate, E.AYKUT(Student), 2019

TERZİ Ü. K., Marmara Üniversitesi Göztepe kampüsü için hibrit enerji kaynaklarının tekno-ekonomik ve çevresel açıdan incelenmesi, Doctorate, E.Aykut(Student), 2019

Terzi Ü. K., Şekil hafızalı aktuatör ile biomekanik hareket edebilen sualtı robot tasarımı ve prototip geliştirilmesi, Postgraduate, H.YUNUS(Student), 2014

Terzi Ü. K., Asenkron generatör birim koruma sisteminin gerçekleştirilmesi, Doctorate, H.BAYAR(Student), 2014

Terzi Ü. K., Rüzgar türbini kullanarak su akıntılarında elektrik enerjisi üretimi için prototip tasarımı, Postgraduate, A.UĞUR(Student), 2013

Terzi Ü. K., Asenkron motorlar üzerine enerji verimliliği uygulaması, Postgraduate, R.BAYKAL(Student), 2011

Terzi Ü. K., Akıllı yapılarda yenilenebilir enerji kaynakları tabanlı elektrik üretimi ve kullanımının teknik ve ekonomik analizi, Postgraduate, O.AKAR(Student), 2011

Terzi Ü. K., Üretimden tüketime elektrik enerji sistemlerinde meydana gelen kayıplar ve giderilmesine yönelik çalışmalar, Postgraduate, Ş.SARGIN(Student), 2006

Terzi Ü. K., PLC kontrollü elektropnömatik eğitim seti tasarımı, Postgraduate, N.TORTUMLUOĞLU(Student), 2006

Terzi Ü. K., Asenkron motorun yakılarak sökülmesinin motor parametrelerine etkisi, Postgraduate, H.BAYAR(Student), 2005

Terzi Ü. K., Rüzgar jeneratörleri ve güneş pilleri ile kurulan hibrid sistemlerin optimal seçiminin bilgisayar destekli gerçekleştirilmesi, Postgraduate, İ.DEVYARAN(Student), 2005

Terzi Ü. K., Elektrik üretiminde biyomas enerjisi kullanımı ve ülke ekonomisine katkıları, Postgraduate, R.GÜRBÜZ(Student), 2003

Jury Memberships

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, August, 2018

Doctorate, Doctorate, Marmara Üniversitesi, August, 2018

Doctorate, Doctorate, Marmara Üniversitesi, August, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Milli Savunma Üniversitesi, July, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ondokuz Mayıs Üniversitesi, August, 2016

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, August, 2016

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, August, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ondokuz Mayıs Üniversitesi, July, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ondokuz Mayıs Üniversitesi, August, 2015

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ondokuz Mayıs Üniversitesi, July, 2015

Doctorate, Doctorate, Marmara Üniversitesi, August, 2014

Doctorate, Doctorate, Marmara Üniversitesi, August, 2014

Peer Reviews in Scientific Publications

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, April 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, March 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, February 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, February 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, February 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, January 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, January 2018

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, October 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, September 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, July 2017

TEXTILE RESEARCH JOURNAL, SCI Journal, May 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, March 2017

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, May 2016

ENERGY POLICY, Journal Indexed in SCI-E, May 2016

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, September 2015

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, March 2014

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2013

Scientific Project Refereeing

TUBITAK Project, 1509 - TÜBİTAK International Industry R&D Projects Support Program, July 2015

Metrics

Publication: 81

Citation (WoS): 41

Citation (Scopus): 124

H-Index (WoS): 4

H-Index (Scopus): 5