

## Assoc. Prof. NAZMİ EKREN

### Personal Information

**Office Phone:** [+90 216 777 3846](tel:+902167773846)

**Email:** nazmiekren@marmara.edu.tr

**Web:** <https://avesis.marmara.edu.tr/nazmiekren>

**Address:** Marmara Üniversitesi Teknoloji Fakültesi Recep Tayyip Erdoğan Külliyesi Maltepe Yerleşkesi Elektrik-Elektronik Mühendisliği Bölümü T4 Binası Aydınevler Mah. İdealtepe Yolu No:15 34854 Maltepe/İstanbul

### International Researcher IDs

ScholarID: KCYkGjMAAAAJ

ORCID: 0000-0003-3530-9262

Publons / Web Of Science ResearcherID: AAA-3546-2019

ScopusID: 24338101800

Yoksis Researcher ID: 173609

### Biography

1966 yılında İstanbul da doğdu. 1983 yılında, Yıldız Üniversitesi Elektrik Mühendisliğinden mezun oldu. 1992 Marmara Üniversitesinde yüksek lisansını tamamladı. 1996 yılında İstanbul Üniversitesinde doktora eğitimini tamamladı. Bir süre özel sektörde elektrik mühendisi olarak çalıştıktan sonra Marmara Üniversitesinde Arş.Gör oldu. 1997 yılında Yrd.Doç.Dr. olarak Teknik Eğitim Fakültesinde çalıştı. Daha sonra Teknoloji Fakültesine geçti.

### Education Information

Doctorate, Istanbul University, Ekonometri (Dr), Turkey 1992 - 1996

Postgraduate, Marmara University, Turkey 1987 - 1989

Undergraduate, Yildiz Technical University, Elektrik Mühendisliği Bölümü, Turkey 1983 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Türkiye'de imalat sanayinde elektrik enerjisi tüketiminin ekonometrik ve mühendislik analizi, Istanbul University, Ekonometri (Dr), 1996

Postgraduate, Türkiye'de 1980 Sonrasında Yabancı Sermaye Yatırımlarının Teknolojiye ve İstihdama Etkileri: Elektrikli Makina-Elektronik Sanayii ile İlgili Bir İnceleme, Marmara Üniversitesi, Institute of Social Sciences, Çalışma Ekonomisi Ve Endüstri İlişkileri (YI) (Tezli), 1989

### Research Areas

Energy, Lighting Technology, Renewable energy, Biomaterials, Nanomaterials

## Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2011 - 2020

Assistant Professor, Marmara University, Faculty of Technical Education, Electric Education, 1996 - 2011

## Academic and Administrative Experience

Applied Research Center Board Member, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2023 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2019 - Continues

Scientific Award Committee Member, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2019 - Continues

Head of Department, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2019 - Continues

University Academic Incentive Evaluation Commission Member, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2019 - Continues

Rektörlük 58/k Komisyonu Üyesi, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2018 - Continues

Bölüm Mali Kaynaklar Geliştirme Komisyonu Başkanı, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2018 - Continues

coordinator, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2018 - Continues

Coordinator of The Rectorate, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2018 - Continues

Marmara University, Nanoteknoloji Ve Biyomalzemeler Uygulama Ve Araştırma Merkezi, 2018 - Continues

Fakülte Yönetim Kurulu Üyesi, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2011 - 2019

Bölüm Ders Programları Komisyonu, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2014 - 2018

Bölüm Müfredat Komisyon Başkanlığı, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2014 - 2018

Deputy Head of Department, Marmara University, Faculty Of Technology, Elektrik Ve Elektronik Mühendisliği Bölümü, 2011 - 2018

Bapko İhale Komisyonu Üyesi, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2017 - 2017

Deputy Director of the Center, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2008 - 2016

BAPKO Muayene ve Kabul Komisyonu, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2015 - 2015

UZEM Muayene ve Kabul Komisyonu, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2015 - 2015

Marmara University, Faculty of Technology, Elektrik Ve Elektronik Mühendisliği Bölümü, 2011 - 2011

Fakülte Kurulu Üyesi, Marmara University, Faculty of Technical Education, Electric Education, 2008 - 2009

Head of Department, Marmara University, Faculty of Technical Education, Electric Education, 2008 - 2009

## Courses

Smart Building Systems, Postgraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Devre Teorisi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

İç Aydınlatma Hesapları, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Sanal Aydınlatma Tekniği, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Bitirme Projesi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2016 - 2017

Aydınlatmada Enerji Verimliliği, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Devre Teorisi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Enerji İletim Sistemler, Postgraduate, 2021 - 2022

Bitirme Projesi, Undergraduate, 2018 - 2019

Akıllı Bina Sistemleri, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Elektrik Ekonomisi, Undergraduate, 2018 - 2019

Devre Teorisi II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Mühendislik Ekonomisi, Undergraduate, 2018 - 2019

Elektrik Tesislerinde Topraklama, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Devre Analizinin Temelleri, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013

Devre Teorisi I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Devre Analizinin Temelleri, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013

Elektrik Tesislerinde Koruma ve Topraklama, Undergraduate, 2017 - 2018, 2016 - 2017

Elektrik Tesislerinde Topraklama, Undergraduate, 2018 - 2019, 2015 - 2016, 2012 - 2013

Elektrik Tesislerinde Koruma ve Topraklama, Undergraduate, 2017 - 2018, 2016 - 2017

Aydınlatma Tekniği ve Projesi, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Aydınlatma Tesislerinde Scada Uygulama ve Otomasyonu, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Aydınlatma Tesislerinde Scada Uygulama ve Otomasyonu, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Devre Teorisi II, Undergraduate, 2016 - 2017, 2015 - 2016

İş Yeri Eğitimi, Undergraduate, 2016 - 2017

Devre Teorisi II, Undergraduate, 2015 - 2016

Aydınlatma Tekniği ve Projesi, Undergraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013

Aydınlatma ve İç Tesisat, Undergraduate, 2016 - 2017

Aydınlatma ve İç Tesisat, Undergraduate, 2016 - 2017

Aydınlatma Tekniği ve Projesi, Undergraduate, 2014 - 2015, 2013 - 2014

Elektrik İç Tesisler Projeleri, Associate Degree, 2013 - 2014

Güç Elektroniği, Associate Degree, 2014 - 2015

Aydınlatmada Enerji Verimliliği, Postgraduate, 2013 - 2014

Güç Elektroniği, Associate Degree, 2014 - 2015

Test ve Ölçme Teknikleri, Undergraduate, 2013 - 2014

Akıllı Bina Sistemleri, Postgraduate, 2013 - 2014

Elektrik-Elektronik Mühendisliğine Giriş, Undergraduate, 2013 - 2014

Elektroteknik, Undergraduate, 2012 - 2013

Aydınlatma Tekniğinde Enerji Tasarrufu Yöntemleri, Postgraduate, 2012 - 2013

Elektrik ve Elektroniğin Temelleri, Undergraduate, 2012 - 2013

## Advising Theses

Ekren N., ELEKTROEĞİRME YÖNTEMİYLE FOTOVOLTAİK PANELLERDE VERİM ARTIRICI KAPLAMALAR, Postgraduate, M.YILMAZ(Student), 2024

Ekren N., Akıllı binalarda web teknolojilerinin kullanımı, Postgraduate, M.ŞENSOY(Student), 2022

Ekren N., Sağlık Ş., Fotovoltaik panellerde verim artırıcı nano yapıli kaplamalar, Doctorate, A.SAMET(Student), 2022

Ekren N., WiFi haberleşmeli DALI uyumlu akıllı LED sürücü kontrol cihazı, Postgraduate, B.SÖĞÜT(Student), 2022

Ekren N., EOG sinyal tabanlı imleç sistemi tasarımı ve uygulaması, Postgraduate, A.SKHETA(Student), 2022

Ekren N., İnsan odaklı aydınlatmanın farklı ortamlar için incelenmesi, insan üzerindeki fizyolojik ve psikolojik etkilerinin araştırılması, Postgraduate, Ö.MEMİŞ(Student), 2019

Ekren N., Yüksek hassasiyette sıcaklık kontrolü ve rubidyum atomik gazı küveti sıcaklık kararlılığının lazer frekans kararlılığına etkisinin araştırılması, Postgraduate, Y.DENİZ(Student), 2019

GÜNDÜZ O., EKREN N., Hekzagonal bor nitrür katkılı üç boyutlu polimerik iskelelerin kemik doku mühendisliği amacıyla üretim ve karakterizasyonu, Postgraduate, D.Aki(Student), 2019

Ekren N., BUZDOLAPLARINDA KULLANILAN ELEKTROMEKANİK KOMPONENTLERİN OTOMATİK ARIZA TESPİTİ VE VERİMLİLİK ANALİZİ, Postgraduate, S.BOYACI(Student), 2019

EKREN N., Biyomedikal uygulamaları için taşınabilir elektroegirme sprey tabancasının tasarımı, üretimi ve performansı, Postgraduate, C.Eda(Student), 2019

Ekren N., Akıllı Şebekelerin Mikro Güneş Santralleri ile Entegrasyonu, Postgraduate, E.EKŞİ(Student), 2019

Ekren N., NEGATİF İYON JENERATÖRLERİNİN ÜRETTİĞİ NEGATİF İYONLARIN VOLTAJ, HAVA HIZI DEĞİŞİMİ VE ORTAM SICAKLIĞINA BAĞLI OLARAK ETKİ ALANLARININ ARAŞTIRILMASI VE TAGUCHİ METODU İLE OPTİMİZASYON ANALİZİ, Postgraduate, B.RECEP(Student), 2019

GÜNDÜZ O., EKREN N., Elektroegirme yöntemi ile biyoyumlu yara örtüsünün üretilmesi ve karakterizasyonu, Postgraduate, S.Su(Student), 2019

EKREN N., BUZDOLAPLARINDA KULLANILAN ELEKTROMEKANİK KOMPONENTLERİN OTOMATİK ARIZA TESPİTİ VE VERİMLİLİK ANALİZİ, Postgraduate, S.BOYACI(Student), 2018

EKREN N., Mesleki teknik eğitim için internet üzerinden gerçek zamanlı aydınlatma laboratuvarı tasarımı, Doctorate, Z.POLAT(Student), 2018

EKREN N., 3 boyutlu biyoyazıcı yöntemi ile doku iskeleti üretimi ve karakterizasyonu, Postgraduate, E.ALTUN(Student), 2018

EKREN N., Elektroegirme (electrospinning) makinası tasarımı ve kontrolü, Postgraduate, M.GÜLMEZ(Student), 2013

EKREN N., Esnek yüzeylerdeki baskı devrelere yarı iletken uygulamaları, Postgraduate, A.SAMET(Student), 2013

EKREN N., Binalarda enerji verimliliğinin analizi, Postgraduate, E.ÇETİNKAYA(Student), 2012

EKREN N., Işık borusuyla aydınlatılan odanın şebeke destekli yapay aydınlatma ile kontrolü ve görüntülenmesi, Doctorate, S.GÖRGÜLÜ(Student), 2011

EKREN N., Afet anlarında helikopter pistlerinin bilgisayar kontrolü ile aydınlatılması, Postgraduate, E.DURMAZ(Student), 2010

EKREN N., Güç sistemlerinde ferrezonans olayının spektral ve dalgacık analizi yöntemleriyle belirlenmesi, Doctorate, T.ÇETİN(Student), 2009

EKREN N., İç hacimlerde aydınlık düzeyi dağılımının bulunması ve sonlu elemanlar yöntemi ile incelenmesi, Doctorate, S.KOCABEY(Student), 2008

EKREN N., Elektrikli ev aletlerinde CE uyumluluğu ve bir uygulama, Postgraduate, E.AYKUT(Student), 2007

EKREN N., Uzman sistem destekli gözetimli denetim ve veri toplama sistemi ile dış aydınlatmanın kontrolü, Doctorate, S.ATİŞ(Student), 2007

EKREN N., Şebeke bağlantılı fotovoltaik aydınlatma sisteminin bulanık mantık ile kontrolü, Doctorate, Ş.SAĞLAM(Student), 2006

EKREN N., Hastane aydınlatma ve güvenlik sisteminin incelenmesi, Postgraduate, Z.POLAT(Student), 2005

EKREN N., Dahili ortamlarda aydınlatma hesaplama tekniklerinin analizi ve bir uygulama örneği, Postgraduate, B.DURSUN(Student), 2005

EKREN N., Elektrik enerjisi tasarrufu açısından ışık borularının incelenmesi, Postgraduate, S.GÖRGÜLÜ(Student), 2004

EKREN N., Sonlu farklar yöntemiyle aydınlatma hesabının analizi, Postgraduate, H.DOĞAN(Student), 2004

EKREN N., Fabrika otomasyonunda elektrik sistemlerinin Scada ile kullanımına ait örnek eğitim programı ve uygulaması, Postgraduate, U.Cura(Student), 2003

EKREN N., Ergonomik açıdan çalışma ortamlarında uygun armatür sistemleri ve lamba seçimi analizi, Postgraduate, C.GÜLER(Student), 2001  
EKREN N., Türkiye'nin güneş enerjisi potansiyelinin ve kullanım alanlarının incelenmesi, Postgraduate, Ş.SAĞLAM(Student), 2000  
EKREN N., Tünel aydınlatma sistemlerinde enerji tasarrufu ve aydınlatma teknolojisi, Postgraduate, R.METE(Student), 2000  
EKREN N., Dahili ortamlarda aydınlık seviyesinin kontrolü ve enerji tasarrufunun sağlanması, Postgraduate, S.KOCABEY(Student), 1999

## **Jury Memberships**

Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2023  
Post Graduate, Post Graduate, Marmara Üniversitesi, October, 2022  
Doctorate, Doctorate, İstanbul Sabahattin Zaim Üniversitesi, August, 2022  
Doctorate, Doctorate, İstanbul Sabahattin Zaim Üniversitesi, August, 2022  
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Marmara Üniversitesi, July, 2022  
Post Graduate, Post Graduate, Marmara Üniversitesi, June, 2022  
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Marmara Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Marmara Üniversitesi, March, 2021  
Doctorate, Doctorate, Marmara Üniversitesi, July, 2019  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2017  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, December, 2017  
Post Graduate, Post Graduate, Marmara Üniversitesi, September, 2017  
Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, September, 2016  
Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, September, 2016  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, June, 2016  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, May, 2016  
Doctoral Examination, Doctoral Examination, Marmara Üniversitesi, January, 2016  
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, August, 2014  
Doctorate, Doctorate, Yıldız Teknik Üniversitesi, August, 2014  
Academic Staff Examination, Academic Staff Examination, Marmara Üniversitesi, December, 2013  
Academic Staff Examination, Academic Staff Examination, Marmara Üniversitesi, August, 2013  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, August, 2013  
Post Graduate, Post Graduate, Marmara Üniversitesi, July, 2010  
Post Graduate, Post Graduate, Marmara Üniversitesi, July, 2010  
Post Graduate, Post Graduate, Marmara Üniversitesi, July, 2008  
Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2008  
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2007  
Post Graduate, Post Graduate, Marmara Üniversitesi, June, 2006

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

- I. **A Review of Line Suspended Inspection Robots for Power Transmission Lines**  
EKREN N., Karagöz Z., Şahin M.  
Journal of Electrical Engineering and Technology, vol.19, no.4, pp.2549-2583, 2024 (SCI-Expanded)
- II. **Marine-derived bioceramics for orthopedic, reconstructive and dental surgery applications**

OKTAR F. N., Unal S., GÜNDÜZ O., Ben Nissan B., Macha I. J., Akyol S., Duta L., EKREN N., ALTAN E., YETMEZ M.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.59, no.1, pp.57-81, 2023 (SCI-Expanded)

- III. **A Hydrophobic Antireflective and Antidust Coating With  $\text{SiO}_2$  and  $\text{TiO}_2$  Nanoparticles Using a New 3-D Printing Method for Photovoltaic Panels**  
Ekren N., Sarkin A. S., Sağlam Ş.  
IEEE JOURNAL OF PHOTOVOLTAICS, vol.12, no.4, pp.1014-1026, 2022 (SCI-Expanded)
- IV. **MANUFACTURING OF A PORTABLE ELECTROSPINNING GUN FOR BIOMEDICAL APPLICATIONS**  
EKREN N., Karacan C. E.  
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.52, no.3, pp.213-219, 2022 (SCI-Expanded)
- V. **Investigation of 3D-Printed Polycaprolactone-/Polyvinylpyrrolidone-Based Constructs**  
Izgordu M. S., Uzgur E. I., Ulag S., Şahin A., Yilmaz B., Kilic B., Ekren N., Oktar F. N., Gündüz O.  
CARTILAGE, vol.13, no.2\_SUPPL, 2021 (SCI-Expanded)
- VI. **Levodopa-Loaded 3D-Printed Poly (Lactic) Acid/Chitosan Neural Tissue Scaffold as a Promising Drug Delivery System for the Treatment of Parkinson's Disease**  
Saylam E., Akkaya Y., İlhan E., Cesur S., Guler E., ŞAHİN A., Cam M. E., EKREN N., OKTAR F. N., GÜNDÜZ O., et al.  
APPLIED SCIENCES-BASEL, vol.11, no.22, 2021 (SCI-Expanded)
- VII. **Recent developments and characterization techniques in 3D printing of corneal stroma tissue**  
Ulag S., Uysal E., Bedir T., ŞENGÖR M., EKREN N., ÜSTÜNDAĞ C. B., Midha S., Kalaskar D. M., GÜNDÜZ O.  
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.8, pp.3287-3296, 2021 (SCI-Expanded)
- VIII. **Kinetic Release Studies of Antibiotic Patches for Local Transdermal Delivery**  
Altun E., Yuca E., Ekren N., Kalaskar D. M., Fıcaı D., Dolete G., Fıcaı A., GÜNDÜZ O.  
PHARMACEUTICS, vol.13, no.5, 2021 (SCI-Expanded)
- IX. **Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament regeneration**  
Saatcioglu E., Ulag S., Şahin A., Yılmaz B., Ekren N., İnan A. T., Palacı Y., Üstündağ C. B., Gündüz O.  
EUROPEAN POLYMER JOURNAL, vol.148, 2021 (SCI-Expanded)
- X. **Fabrication of tissue-engineered tympanic membrane patches using 3D-Printing technology**  
İlhan E., Ulag S., Sahin A., Yilmaz B., Ekren N., Kılıç O., Şengör M., Kalaskar D. M., Oktar F. N., Gündüz O.  
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.114, 2021 (SCI-Expanded)
- XI. **Fabrication of three-dimensional PCL/BiFeO<sub>3</sub> scaffolds for biomedical applications**  
Ulag S., Kalkandelen C., Bedir T., Erdemir G., Kuruca S. E., Dumludag F., Ustundag C. B., Rayaman E., Ekren N., Kilic B., et al.  
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.261, 2020 (SCI-Expanded)
- XII. **3D printing of PVA/hexagonal boron nitride/bacterial cellulose composite scaffolds for bone tissue engineering**  
Aki D., Ulag S., ÜNAL S., ŞENGÖR M., EKREN N., Lin C., YILMAZER H., ÜSTÜNDAĞ C. B., Kalaskar D. M., GÜNDÜZ O.  
MATERIALS & DESIGN, vol.196, 2020 (SCI-Expanded)
- XIII. **Production and characterization of elastomeric cardiac tissue-like patches for Myocardial Tissue Engineering**  
Cesur S., Ulag S., Ozak L., Gumussoy A., Arslan S., Yilmaz B. K., Ekren N., Agirbasli M., Kalaskar D. M., Gündüz O.  
POLYMER TESTING, vol.90, 2020 (SCI-Expanded)
- XIV. **3D Printed Polycaprolactone/Gelatin/Bacterial Cellulose/Hydroxyapatite Composite Scaffold for Bone Tissue Engineering**  
Cakmak A., Unal S., Sahin A., Oktar F. N., Sengor M., Ekren N., Gunduz O., Kalaskar D.  
POLYMERS, vol.12, no.9, 2020 (SCI-Expanded)
- XV. **Remote laboratory trends for Distance Vocational Education and Training (D-VET): A real-time lighting application**  
Polat Z., Ekren N.  
INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, 2020 (SCI-Expanded)

- XVI. **3D printed artificial cornea for corneal stromal transplantation**  
Ulag S, Ilhan E, Şahin A, Karademir Yılmaz B, Kalaskar D. M., Ekren N, Kılıç O, Nuzhet Oktar F. N., Gündüz O.  
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- XVII. **Preparation and characterization of electrospun polylactic acid/sodium alginate/orange oyster shell composite nanofiber for biomedical application**  
Cesur S, Oktar F. N., Ekren N., Kılıç O., Bilgiç Alkaya D., Ayaz Seyhan S., Ege Z. R., Lin C., Erdem Kuruca S., Erdemir G., et al.  
Journal of the Australian Ceramic Society, vol.56, no.2, pp.533-543, 2020 (SCI-Expanded)
- XVIII. **A review of anti-reflection and self-cleaning coatings on photovoltaic panels**  
Sarkın A. S., EKREN N., SAĞLAM Ş.  
Solar Energy, vol.199, pp.63-73, 2020 (SCI-Expanded)
- XIX. **Synthesis and characterization of antibacterial drug loaded  $\beta$ -tricalcium phosphate powders for bone engineering applications**  
Topsakal A., Ekren N., Kilic O., Oktar F. N., Mahirogullari M., Ozkan O., Sasmazel H. T., Turk M., Bogdan I. M., Stan G. E., et al.  
Journal of Materials Science: Materials in Medicine, vol.31, no.2, 2020 (SCI-Expanded)
- XX. **3D printing of chitosan/ poly(vinyl alcohol) hydrogel containing synthesized hydroxyapatite scaffolds for hard-tissue engineering**  
Ergul N. M., Ünal S., Kartal İ., Kalkandelen C., Ekren N., Kılıç O., Chi-Chang L., Gündüz O.  
Polymer Testing, vol.79, 2019 (SCI-Expanded)
- XXI. **3D bio-printing of levan/polycaprolactone/gelatin blends for bone tissue engineering: Characterization of the cellular behavior**  
Duymaz B. T., Erdiler F. B., Alan T., Aydogdu M. O., İnan A. T., Ekren N., Uzun M., Sahin Y. M., Bulus E., Oktar F. N., et al.  
European Polymer Journal, vol.119, pp.426-437, 2019 (SCI-Expanded)
- XXII. **Developments of 3D polycaprolactone/beta-tricalcium phosphate/collagen scaffolds for hard tissue engineering**  
aydoğdu M. O., MUTLU B., Kurt M., İNAN A. T., KURUCA D. S., Erdemir G., ŞAHİN Y. M., EKREN N., OKTAR F. N., GÜNDÜZ O.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.55, no.3, pp.849-855, 2019 (SCI-Expanded)
- XXIII. **Encapsulated melatonin in polycaprolactone (PCL) microparticles as a promising graft material**  
Gurler E. B., Ergul N. M., Ozbek B., Ekren N., Oktar F. N., Haskoylu M. E., Oner E., Eroğlu M. S., Özbeyli D., Korkut V., et al.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.100, pp.798-808, 2019 (SCI-Expanded)
- XXIV. **Bioinspired scaffold induced regeneration of neural tissue**  
Altun E., Aydogdu M. O., Togay S. O., Sengil A. Z., Ekren N., Haskoylu M. E., Öner E., Altuncu N. A., Ozturk G., Crabbe-Mann M., et al.  
EUROPEAN POLYMER JOURNAL, vol.114, pp.98-108, 2019 (SCI-Expanded)
- XXV. **Preparation and characterization of electrospun polylactic acid/sodium alginate/orange oyster shell composite nanofiber for biomedical application**  
Cesur S, OKTAR F. N., EKREN N., KILIÇ O., Bilgiç Alkaya D., AYAZ SEYHAN S., Rüya Ege Z., Lin C. C., KURUCA D. S., Erdemir G., et al.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, 2019 (SCI-Expanded)
- XXVI. **Production of the biomimetic small diameter blood vessels for cardiovascular tissue engineering**  
Aydogdu M. O., Chou J., Altun E., EKREN N., Cakmak S., Eroglu M., Osman A. A., Kutlu O., Oner E. T., Avsar G., et al.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.68, no.5, pp.243-255, 2019 (SCI-Expanded)
- XXVII. **Nanofibrous wound dressing material by electrospinning method**  
Yeniay E., Ocal L., Altun E., Giray B., OKTAR F. N., İNAN A. T., EKREN N., KILIÇ O., GÜNDÜZ O.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.68, pp.11-18, 2019

(SCI-Expanded)

- XXVIII. **Cell studies on Electrohydrodynamic (EHD)-3D-bioprinted Bacterial Cellulose\Polycaprolactone scaffolds for tissue engineering**  
Altun E., EKREN N., Kuruca S. E., GÜNDÜZ O.  
MATERIALS LETTERS, vol.234, pp.163-167, 2019 (SCI-Expanded)
- XXIX. **Novel electrospun polycaprolactone/graphene oxide/Fe<sub>3</sub>O<sub>4</sub> nanocomposites for biomedical applications**  
Aydogdu M. O., EKREN N., Suleymanoglu M., Erdem-Kuruca S., Lin C., Bulbul E., Erdol M. N., OKTAR F. N., TERZİ Ü. K., KILIÇ O., et al.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.172, pp.718-727, 2018 (SCI-Expanded)
- XXX. **Synthesis, characterization, and biological properties of composites of hydroxyapatite and hexagonal boron nitride**  
ÜNAL S., EKREN N., Sengil A. Z., OKTAR F. N., Irmak S., Oral O., Sahin Y. M., KILIÇ O., Agathopoulos S., GÜNDÜZ O.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.106, no.6, pp.2384-2392, 2018 (SCI-Expanded)
- XXXI. **Production of the novel fibrous structure of poly(epsilon-caprolactone)/tri-calcium phosphate/hexagonal boron nitride composites for bone tissue engineering**  
Ozbek B., Erdogan B., EKREN N., OKTAR F. N., Akyol S., Ben-Nissan B., Sasmazel H. T., Kalkandelen C., Mergen A., Kuruca S. E., et al.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.54, no.2, pp.251-260, 2018 (SCI-Expanded)
- XXXII. **Production and characterization of electrospun fish sarcoplasmic protein based nanofibers**  
ŞAHİN Y. M., Su S., Ozbek B., YÜCEL S., PİNAR O., KAZAN D., OKTAR F. N., EKREN N., GÜNDÜZ O.  
Journal of Food Engineering, vol.222, pp.54-62, 2018 (SCI-Expanded)
- XXXIII. **Starch/PCL composite nanofibers by co-axial electrospinning technique for biomedical applications**  
Komur B., Bayrak F., Ekren N., Eroglu M. S., Oktar F. N., Sinirlioglu Z. A., Yucel S., Guler O., Gunduz O.  
BIOMEDICAL ENGINEERING ONLINE, vol.16, 2017 (SCI-Expanded)
- XXXIV. **Production of the novel fibrous structure of poly (ε-caprolactone)/tri-calcium phosphate/hexagonal boron nitride composites for bone tissue engineering**  
Özbek B., Erdoğan B., EKREN N., OKTAR F. N., AKYOL S., Ben Nissan B., TÜRKOĞLU ŞAŞMAZEL H., KALKANDELEN C., Mergen A., KURUCA D. S., et al.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, 2017 (SCI-Expanded)
- XXXV. **Reinforcement of sheep-bone derived hydroxyapatite with bioactive glass**  
EKREN N.  
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.18, no.1, pp.64-68, 2017 (SCI-Expanded)
- XXXVI. **Development of an outdoor lighting control system using expert system**  
ATİŞ S., EKREN N.  
ENERGY AND BUILDINGS, vol.130, pp.773-786, 2016 (SCI-Expanded)
- XXXVII. **Fabrication of naturel pumice/hydroxyapatite composite for biomedical engineering**  
Komur B., Lohse T., Can H. M., Khalilova G., Gecimli Z. N., Aydogdu M. O., Kalkandelen C., Stan G. E., ŞAHİN Y. M., Sengil A. Z., et al.  
BIOMEDICAL ENGINEERING ONLINE, vol.15, 2016 (SCI-Expanded)
- XXXVIII. **Magnetic Core Shell Structures: From 0D to 1D Assembling**  
Ficai D., Ficai A., Dinu E., Oprea O., Sonmez M., Keler M. K., Sahin Y. M., EKREN N., İNAN A. T., DAĞLILAR S., et al.  
CURRENT PHARMACEUTICAL DESIGN, vol.21, no.37, pp.5301-5311, 2015 (SCI-Expanded)
- XXXIX. **A new approach for examination of performance of interior lighting systems**  
KOCABEY S., EKREN N.  
ENERGY AND BUILDINGS, vol.74, pp.1-7, 2014 (SCI-Expanded)
- XL. **Energy saving in lighting system with fuzzy logic controller which uses light-pipe and dimmable ballast**  
Gorgulu S., EKREN N.  
ENERGY AND BUILDINGS, vol.61, pp.172-176, 2013 (SCI-Expanded)

- XLI. Continuous wavelet transform for ferroresonance phenomena in electric power systems**  
AKINCI T. Ç., EKREN N., Seker S., Yildirim S.  
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.44, no.1, pp.403-409, 2013 (SCI-Expanded)
- XLII. An investigation into the usability of straight light-pipes in Istanbul**  
EKREN N., Gorgulu S.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.30, no.1, pp.637-644, 2012 (SCI-Expanded)
- XLIII. Detection of ferroresonance phenomenon for the west anatolian electric power network in Turkey**  
AKINCI T. Ç., EKREN N.  
ACTA SCIENTIARUM-TECHNOLOGY, vol.33, no.3, pp.273-279, 2011 (SCI-Expanded)
- XLIV. Controlling of grid connected photovoltaic lighting system with fuzzy logic**  
SAĞLAM Ş., Ekren N., ERDAL H.  
SOLAR ENERGY, vol.84, no.2, pp.256-262, 2010 (SCI-Expanded)
- XLV. Reinforcing of Biologically Derived Apatite with Commercial Inert Glass**  
Gunduz O., Ahmad Z., Ekren N., Agathopoulos S., Salman S., Oktar F. N.  
JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS, vol.22, no.4, pp.407-419, 2009 (SCI-Expanded)
- XLVI. Determination of the Characteristics for Ferroresonance Phenomenon in Electric Power Systems**  
YILDIRIM L. S., AKINCI T. Ç., ŞEKER Ş. S., EKREN N.  
International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, vol.3, pp.1422-1426, 2009 (SCI-Expanded)
- XLVII. Spectral analysis for signal based on ferroresonance phenomena in electric power system**  
AKINCI T. Ç., ŞEKER Ş. S., EKREN N.  
International conference engineering, technologies, and systems, 2009 (SCI-Expanded)
- XLVIII. Effect of yttria-doping on mechanical properties of bovine hydroxyapatite (BHA)**  
Gunduz O., Daglılar S., Salman S., Ekren N., Agathopoulos S., Oktar F. N.  
Journal of Composite Materials, vol.42, pp.1281-1287, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. PORTABLE ELECTROSPINNING DEVICES DEVELOPED FOR TISSUE ENGINEERING APPLICATIONS**  
Yılmaz M., EKREN N.  
KSÜ Mühendislik Bilimleri Dergisi, vol.26, no.4, pp.1061-1077, 2023 (Peer-Reviewed Journal)
- II. DALI Compatible Smart LED Driver Controller with Wi-Fi Communication**  
Ekren N., Söğüt B.  
Balkan Journal of Electrical and Computer Engineering, vol.11, no.2, pp.172-183, 2023 (Peer-Reviewed Journal)
- III. A drug-eluting nanofibrous hyaluronic acid-keratin mat for diabetic wound dressing**  
Su S., Bedir T., KALKANDELEN C., Sasmazel H. T., Basar A. O., Chen J., EKREN N., GÜNDÜZ O.  
Emergent Materials, vol.5, no.6, pp.1617-1627, 2022 (ESCI)
- IV. Semi-conductor Applications to Printed Circuits on Flexible Surfaces**  
Ekren N., Darkın A. S.  
Balkan Journal of Electrical and Computer Engineering, vol.10, no.3, pp.273-277, 2022 (Peer-Reviewed Journal)
- V. Next Generation Student Centricity in Higher Education: The Concept and Ranking of the University that Educates Entrepreneur Students**  
Ekren N., PARLAR H., EKREN N.  
YUKSEKOGRETİM DERGISI, vol.12, no.1, 2022 (ESCI)
- VI. A novel approach to treat the Thiel-Behnke corneal dystrophy using 3D printed honeycomb-shaped polymethylmethacrylate (PMMA)/Vancomycin (VAN) scaffolds**  
Ulag S., ŞAHİN A., Guncu M. M., AKSU M. B., EKREN N., ŞENGÖR M., Kalaskar D. M., GÜNDÜZ O.  
Bioprinting, vol.24, 2021 (Scopus)

- VII. **Design and Implementation of EOG Signal Based Wireless System to Control Smart Devices**  
skheta a., EKREN N.  
European Journal of Technique, vol.11, no.2, pp.107-114, 2021 (Peer-Reviewed Journal)
- VIII. **Light Pollution and Smart Outdoor Lighting**  
EKREN N., KARAGÖZ KÜÇÜK Z.  
Balkan Journal of Electrical and Computer Engineering, vol.9, no.2, pp.191-200, 2021 (Peer-Reviewed Journal)
- IX. **Buzdolaplarında Kullanılan Elektromekanik Komponentlerin Otomatik Arıza Tespiti için Test Sistemi Tasarımı**  
Boyacı S., EKREN N., GÖRGÜLÜ S.  
Uluslararası Mühendislik Tasarım ve Teknoloji Dergisi, vol.1, no.2, pp.42-50, 2019 (Peer-Reviewed Journal)
- X. **Comparative characterization of the hydrogel added PLA/ $\beta$ -TCP scaffolds produced by 3D bioprinting**  
aydoğdu M. O., TOKSOY ÖNER E., EKREN N., Erdemir G., KURUCA D. S., YÜCA E., SENNAROĞLU BOSTAN M., EROĞLU M. S., İKRAM F., UZUN M., et al.  
Bioprinting, 2019 (Scopus)
- XI. **Comparative characterization of the hydrogel added PLA/ $\beta$ -TCP scaffolds produced by 3D bioprinting**  
Aydogdu M. O., Oner E. T., Ekren N., Erdemir G., Kuruca S. E., Yuca E., Bostan M., Eroglu M. S., Ikram F., Uzun M., et al.  
Bioprinting, vol.13, 2019 (Scopus)
- XII. **Electrical Properties of Clinoptilolite/Aluminium Oxide/Bovine Hydroxyapatite Composites**  
Kalkandelen C., Moukbil Y., Oktar F. N., Ekren N., Kılıç O., Gündüz O.  
CROSS-DISCIPLINARY APPLIED RESEARCH IN MATERIALS SCIENCE AND TECHNOLOGY, vol.2018, no.923, pp.98-101, 2018 (Scopus)
- XIII. **3D Liquid Bioprinting of the PCL/ $\beta$ -TCP Scaffolds**  
Aydoğdu M. O., Ekren N., Kılıç O., Oktar F. N., Gündüz O.  
CROSS-DISCIPLINARY APPLIED RESEARCH IN MATERIALS SCIENCE AND TECHNOLOGY, vol.2018, no.923, pp.79-83, 2018 (Scopus)
- XIV. **Electrohydrodynamic (EHD) Bioprinting of Polycaprolactone Scaffolds**  
Altun E., Akyol S., Ekren N., Kılıç O., Gündüz O.  
CROSS-DISCIPLINARY APPLIED RESEARCH IN MATERIALS SCIENCE AND TECHNOLOGY, vol.923, no.1, pp.93-97, 2018 (Scopus)
- XV. **Microstructural and Mechanical Properties of Nano-Yttria-Oxide Doped Hydroxyapatite Composites**  
Gündüz O., Yetmez M., Ekren N., Kılıç O., Ben Nissan B., Oktar F. N.  
CROSS-DISCIPLINARY APPLIED RESEARCH IN MATERIALS SCIENCE AND TECHNOLOGY, vol.2018, no.923, pp.89-92, 2018 (Scopus)
- XVI. **Production and Characterization of Antimicrobial Electrospun Nanofibers Containing Polyurethane, Zirconium Oxide and Zeolite**  
Aydogdu M. O., Oprea A. E., Trusca R., Surdu A. V., Ficai A., Holban A. M., Iordache F., Paduraru A. V., Filip D. G., Altun E., et al.  
BIONANOSCIENCE, vol.8, no.1, pp.154-165, 2018 (ESCI)
- XVII. **Researches on Anti-reflection Coating (ARC) Methods Used in PV Systems**  
EKREN N.  
BALKAN JOURNAL OF ELECTRICAL COMPUTER ENGINEERING, 2018 (Peer-Reviewed Journal)
- XVIII. **Effect of temperature, viscosity and surface tension on gelatine structures produced by modified 3D printer**  
Kalkandelen C., Özbek B., Ergül N. M., Akyol S., Moukbil Y., Oktar F. N., Ekren N., Kılıç O., Gündüz O., Kılıç B.  
IOP Conference Series: Materials Science and Engineering, vol.1, no.1, 2017 (Peer-Reviewed Journal)
- XIX. **Natural Hydroxyapatite Synthesis from Fish Bone Atlantic Bonito sarda sarda**  
GÜNDÜZ O., KILIÇ O., EKREN N., GÖKÇE H., KALKANDELEN C., OKTAR F. N.  
Key Engineering Materials, 2016 (Scopus)
- XX. **Production of Apatite from Shells for Biomedical Engineering Applications**

- EKREN N., GÜNDÜZ O., çelik s., ayata b., ŞAHİN Y. M., chou j., nissan b. b., SALMAN S., gökçe h., OKTAR F. N.  
Key Engineering Materials, vol.696, pp.51-56, 2016 (Scopus)
- XXI. **Can European Sea Bass Dicentrarchus labrax Scale Be a Good Candidate for Nano Bioceramics Production**  
Şahin Y. M., Gündüz O., Fıcaı A., Ekren N., Tuna A., İnan A. T., Oktar F. N.  
Key Engineering Materials, vol.1, no.1, 2016 (Scopus)
- XXII. **Production of Apatite from Snail Shells for Biomedical Engineering Applications**  
Ekren N., Gündüz O., Çelik S., Ayata B., Şahin Y. M., Chou J., Bennissan B., Salman S., Gökçe H., Oktar F. N.  
Key Engineering Materials, vol.696, no.1, pp.51-56, 2016 (Scopus)
- XXIII. **Novel Bioceramic Production via Mechanochemical Conversion from Plate Limpet Tectura scutum Shells**  
İnan A. T., Gündüz O., Şahin Y. M., Ekren N., Salman S., Joshua C., Bennissan B., Gökçe H., Oktar F. N.  
Key Engineering Materials, vol.696, no.1, pp.45-50, 2016 (Scopus)
- XXIV. **Mechanical behavior of PCL Nano fibers**  
Keler M. K., Dağlılar S., Gündüz O., Yüksek M., Şahin Y. M., Ekren N., Oktar F. N., Salman S.  
Key Engineering Materials, vol.696, no.2016, pp.196-201, 2016 (Scopus)
- XXV. **Can European Sea Bass Dicentrarchus labrax Scale Be a Good Candidate for Nano Bioceramics Production**  
Şahin Y. M., Gündüz O., Fıcaı A., Ekren N., Tuna A., İnan A. T., Oktar F. N.  
Key Engineering Materials, vol.696, no.1, pp.60-65, 2016 (Scopus)
- XXVI. **Dei mechanischen Eigenschaften von Hydroxyapatit HAP Polycaprolactone PCL Biokomposite**  
Keler K., gündüz o., Dağlılar s., EKREN N., Oktar F.  
BioNanoMaterials, vol.16, pp.224-235, 2015 (Peer-Reviewed Journal)
- XXVII. **Scada Sistemi**  
ATİŞ S., EKREN N.  
Elektrik, no.36, pp.50-58, 2014 (Peer-Reviewed Journal)
- XXVIII. **Predicting the Mechanical Properties of BHA Li2O Composites Using Artificial Neural Networks**  
Çelik H. H., Gündüz O., Ekren N., Ahmad Z., Oktar F. N.  
Journal of Biomaterials and Nanobiotechnology, vol.2, no.1, pp.98-101, 2011 (Peer-Reviewed Journal)
- XXIX. **Elektrikli Ev Aletlerinde CE Uyumluluğu ve Bir Uygulama**  
EKREN N., Ercan A., DURSUN B.  
Pamukkale Üniversitesi Mühendislik Fakültesi Mühendislik Bilimleri Dergisi, vol.15, pp.25-32, 2009 (Peer-Reviewed Journal)
- XXX. **Household Type Loads Effects on Photovoltaic Systems**  
EKREN N., ONAT N., SAĞLAM Ş.  
WSEAS Transactions on Circuit and Systems, vol.12, pp.1020-1028, 2008 (Peer-Reviewed Journal)
- XXXI. **Hall Effect Sensor and Artificial Neural Networks Application in Current Transformer**  
KARATEPE MUMCU Y., GÖKMEN G., EKREN N.  
INTERNATIONAL JOURNAL of CIRCUITS, SYSTEMS and SIGNAL PROCESSING, pp.42, 2008 (Scopus)
- XXXII. **Lighting computer programs in lighting technology**  
EKREN N., Ercan A., DURSUN B.  
G.U. Journal of Science, vol.1, pp.15-20, 2007 (Peer-Reviewed Journal)
- XXXIII. **Işık Kirliliği**  
KARATEPE MUMCU Y., EKREN N.  
Aktif Bankacılık ve Finans Dergisi, vol.4, pp.78-83, 2002 (Non Peer-Reviewed Journal)
- XXXIV. **Türkiye’de Elektrik Enerjisi Tüketiminin Girdi-Çıktı Modeli ile Analizi**  
ÇATALCA H. H., EKREN N.  
İşletme Fakültesi Dergisi, vol.26, pp.51-59, 1997 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Advances in 3D Hydrogel Matrix and Their Role in Neural Tissue Engineering**  
Cesur S., Bedir T., Ekren N., Gündüz O., Üstündağ C. B.  
in: Functional Biomaterials: Advances in Design and Biomedical Applications, Anuj Kumar, Durgalakshmi Dhinasekaran, Irina Savina, Sung Soo Han, Editor, CRC, New York, New York, pp.37-75, 2023
- II. **Stem cells, bioengineering, and 3D scaffolds for neural tissue engineering**  
Ekren N., Yıldırım R., Ikram H. F., İlhan E.  
in: BIOMATERIALS FOR NEURAL TISSUE ENGINEERING, O.Gunduz, C.B.Ustündağ, M.Sengör, Editor, Elsevier Science, Oxford/Amsterdam, California, pp.315-342, 2023
- III. **3D Printing of Hydrogels for Cartilage Tissue Engineering Applications**  
SU TORUN S., DOĞAN E., EKREN N., ÜSTÜNDAĞ C. B., GÜNDÜZ O.  
in: Functional Biomaterials, Anuj Kumar, Durgalakshmi Dhinasekaran, Irina Savina, Sung Soo Han, Editor, Taylor and Francis Group, pp.20-36, 2023
- IV. **Investigation of Light Transmittance of Coatings Containing SiO<sub>2</sub> and TiO<sub>2</sub> Nanoparticles Made by Electrospinning Technique . . .**  
Ekren N.  
in: Proceedings of the 2022 International Symposium on Energy Management and Sustainability ISEMAS, M. Ziya Sogut, T. Hikmet Karakoc, Omer Secgin, Alper Dalkran, Editor, Springer, London/Berlin, Basel, pp.753-762, 2022
- V. **Materials for 3D Printing in Medicine Metals, Polymers, Ceramics and Hydrogels**  
AYAN S., Çiftçi F., ŞENGÖR M., ÇAM M. E., EKREN N., GÜNDÜZ O., ÜSTÜNDAĞ C. B.  
in: Additive Manufacturing with Medical Applications, Harish Kumar Banga Rajesh Kumar Parveen Kalra Rajendra M. Belokar, Editor, CRC Press, Londrina, pp.111-136, 2022
- VI. **Gel-Inks for 3D Printing in Corneal Tissue Engineering**  
Ulağ S., Cesur S., Doğan E., ŞENGÖR M., EKREN N., ÜSTÜNDAĞ C. B., GÜNDÜZ O.  
in: 3D printable Gel-inks for Tissue Engineering, Anju Kumar, Stefan Loan Viocu, Vijay Kumar Thakur, Editor, Springer, pp.161-190, 2021
- VII. **Gel-Inks for 3D Printing in Corneal Tissue Engineering**  
Ulağ S., Cesur S., DOĞAN E., ŞENGÖR M., EKREN N., ÜSTÜNDAĞ C. B., GÜNDÜZ O.  
in: 3D printable Gel-inks for Tissue Engineering, Editor, Springer, pp.161-190, 2021
- VIII. **Mechanical and Physical Properties of Dentine-Glass Composites**  
Özbek B., KILIÇ O., GÜNDÜZ O., EKREN N., Gökçe H., OKTAR F. N.  
in: Multifunctional Bioceramics for Innovative Therapy Chapter 7 Synthesis and Characterization of Bioactive Glasses and Composites, Ahmed El-Gahannam, Editor, Trans Tech Publications Ltd., pp.257, 2016
- IX. **Natural Hydroxyapatite Synthesis from Fish Bones: "Atlantic Bonito" (Sarda sarda)**  
GÜNDÜZ O., KILIÇ O., EKREN N., Gökçe h., Kalkandelen Ç., OKTAR F. N.  
in: Multifunctional Bioceramics for Innovative Therapy Chapter 6 Methods of Preparation and Characterization of Hydroxyapatite Based Implants, Ahmed El-Ghannam, Editor, Trans Tech Publication, pp.207, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Efficiency Increasing Coatings on Photovoltaic Panels (PV)**  
YILMAZ M., DURSUN E., KARAGÖZ Z., EKREN N., GÜNDÜZ O.  
IEEEES-14 14th International Exergy, Energy, and Environment Symposium, İstanbul, Turkey, 24 - 27 December 2023
- II. **Autonomous Line Suspended Power Transmission Lines Inspection Robots**  
EKREN N., ŞAHİN M.  
6th International Congress on 3D Printing (Additive Manufacturing) Technologies and Digital Industry 2022 (HYBRID), Romania, 22 - 23 November 2022
- III. **Investigation of the Lighting System Used in High Voltage Substations in Terms of Electric Field and**

## **Corona Discharge**

EKREN N., Çelik M. Z.

4th International Engineering Research Symposium, Düzce, Turkey, 04 March 2022

- IV. **A new method for EOG signal processing**  
Skheta A., EKREN N.  
4th International Engineering Research Symposium, Düzce, Turkey, 04 March 2022
- V. **Review of Power Transmission Line Inspection Robots Moving on Ground Wire**  
KARAGÖZ Z., EKREN N., ŞAHİN M.  
8th International Conference on Engineering and Emerging Technologies, Kuala-Lumpur, Malaysia, 27 - 28 October 2022, pp.1-6
- VI. **Investigation of Light Transmittance of Coatings Containing SiO<sub>2</sub> and TiO<sub>2</sub> Nano-Particle made by Electrospinning Technique**  
SARKIN A. S., EKREN N., SAĞLAM Ş.  
International Symposium Energy Management and Sustainability 2022, İstanbul, Turkey, 07 April 2022
- VII. **Production of 3D-Printed Tympanic Membrane Scaffolds as a Tissue Engineering Application**  
Ilhan E., Ulag S., Şahin A., Ekren N., Kılıç O., Oktar F. N., Gündüz O.  
8th International Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2020, Granada, Spain, 6 - 08 May 2020, vol.12108 LNBI, pp.175-184
- VIII. **Patch-Based Technology for Corneal Microbial Keratitis**  
Ulag S., Ilhan E., Aksu B., ŞENGÖR M., EKREN N., KILIÇ O., GÜNDÜZ O.  
8th International Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2020, Granada, Spain, 6 - 08 May 2020, vol.12108 LNBI, pp.194-200
- IX. **Core-shell structured hyaluronic acid and keratin nanofibers for wound dressing Hyaluronik asit ve keratin içeren çekirdek-kilif yapılı nanofiber yara örtüleri**  
Su S., Eroglu M., KALKANDELEN C., EKREN N., OKTAR F. N., Mahirogullari M., GÜNDÜZ O.  
2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019
- X. **Characteristic properties of 3D Printed Polycaprolactone/Polyvinylpyrrolidone/Chitosan Constructs for Cartilage Tissue Engineering**  
Uzgur E. İ., Ulağ S., OKTAR F. N., KILIÇ O., EKREN N., GÜNDÜZ O.  
IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), 8 - 10 May 2019
- XI. **Production and characterization of hexagonal boron nitride doped three-dimensional scaffolds for bone tissue engineering**  
Aki D., Cengiz S., Ulağ S., ÜNAL S., KILIÇ O., EKREN N., OKTAR F. N., GÜNDÜZ O.  
IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), 8 - 10 May 2019
- XII. **Production and Characterization of HA Coated GO/PCL 3D Printing Scaffold for Bone Tissue Engineering**  
Özen S., Topsakal A., Özbek B., Rüya Ege Z., Ekren N., Terzi Ü. K., Oktar F. N., Gündüz O.  
IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), Granada, Spain, 8 - 10 May 2019
- XIII. **Investigation of the Polycaprolactone/Polyvinylpyrrolidone based Biocomposite Constructs for Cartilage Impairment by using 3D Plotting**  
İzgördü M. S., Ulag S., OKTAR F. N., KILIÇ O., EKREN N., GÜNDÜZ O.  
IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), 8 - 10 May 2019
- XIV. **Effect of the Sintering Temperature on Hydroxyapatite Powder Synthesized by Sol-Gel Method**  
Ergül N. M., Özen G., EKREN N., OKTAR F. N., Mahiroğulları M., GÜNDÜZ O.  
IWBBIO 2019 (7th International Work-Conference on Bioinformatics and Biomedical Engineering), 8 - 10 May 2019
- XV. **Investigation of the Polycaprolactone/Polyvinylpyrrolidone based Biocomposite Constructs for**

### **Cartilage Impairment by using 3D Plotting**

İzgördü M. S., Ulaş S., OKTAR F. N., KILIÇ O., EKREN N., GÜNDÜZ O.

International Work-Conference on Bioinformatics and Biomedical Engineering (IWBBIO 2019), 8 - 10 May 2019

- XVI. **Farklı Çalışma Voltajları ve Çevre Koşullarında Maksimum Negatif İyon Üretimi İçin Taguchi Metodu Uygulanarak Optimum Değerin Belirlenip Ürün Üzerinde Uygulanması**  
Kamber B. R., EKREN N.  
3'xxrd International Symposium on Industrial Design Engineering (ISIDE2018), 22 - 24 November 2018
- XVII. **Polylactic acid/Sodyum Alginate/Orange Oyster Shell based nanofiber composite design**  
Uzun M., Cesur S., Ekren N., Oktar F. N., Gündüz O.  
6th International Conference on Technical Textiles & Nonwovens (ICTN 2018), New Delhi, India, 6 - 08 November 2018, pp.1
- XVIII. **Production of the GO-doped PLA-based nanofibers and investigation of their electrical properties**  
ÖZEN S., AYDOĞDU M. O., EĞE Z. R., CESUR S., TERZİ Ü. K., KORKMAZ H., EKREN N., OKTAR F. N., KILIÇ O., KILIÇ B., et al.  
4th International Conference on Biomedical Polymers Polymeric Biomaterials, 15 - 18 July 2018
- XIX. **Polycaprolactone/Beta TricalciumPhosphate/ Collagen as a 3D PrintedTissue Scaffold**  
Aydoğdu M. O., EKREN N., OKTAR F. N., KILIÇ O., GÜNDÜZ O.  
4th International Society for Biomedical Polymers and Polymeric Biomaterials (ISBPPB) conference, 15 - 18 July 2018
- XX. **ENCAPSULATION OF SYNTHESIZED HYDROXYAPATITE IN PCLMICROSPHERES BY USING ELECTROSPRAYING METHOD**  
Bozkurt Y., Ergul N. M., Ozbek B., Ekren N., Salman S., Oktar F. N., Mahirogullari M., Gündüz O.  
4 TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Lviv, Ukraine, 02 May 2018, vol.1, pp.753-760
- XXI. **Web Tabanlı Etkileşimli Aydınlatma Laboratuvarı Kurulumu ve Uygulaması**  
Polat Z., Ekren N., Bayar H.  
11. Uluslararası Bilgisayar ve Eğitim Teknolojileri Sempozyumu, Malatya, Turkey, 24 - 26 May 2017, pp.567-573
- XXII. **DC and AC conductivity properties of bovine dentine hydroxyapatite (BDHA)**  
Dumludag F., Gunduz O., Kilic O., Ekren N., Kalkandelen C., Ozbek B., Oktar F. N.  
3rd International Conference on Smart Material Research (ICSMR), Melbourne, Australia, 15 - 17 November 2017, vol.293
- XXIII. **Effects of sintering temperature on electrical properties of sheep enamel hydroxyapatite**  
Dumludag F., Gunduz O., Kilic O., Kilic B., Ekren N., Kalkandelen C., Oktar F. N.  
3rd International Conference on Smart Material Research (ICSMR), Melbourne, Australia, 15 - 17 November 2017, vol.293
- XXIV. **3D Liquid Bioprinting of the PCL /  $\beta$ -TCP Scaffolds**  
Aydogdu M. O., EKREN N., KILIÇ O., OKTAR F. N., GÜNDÜZ O.  
2017 2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- XXV. **DC and AC Conductivity Properties of Bovine Dentine Hydroxyapatite (BDHA)**  
Dumludağ F., Gündüz O., Kılıç O., Ekren N., Kalkandelen C., Özbek B., Oktar F. N.  
ICSMR2017, 3rd International Conference on Smart Material Research, Melbourne, Australia, 15 - 17 November 2017, pp.21
- XXVI. **Electrical Properties of Clinoptilolite/Aluminium Oxide/Bovine Hydroxyapatite Composites**  
KALKANDELEN C., Moukbil Y., OKTAR F. N., EKREN N., KILIÇ O., GÜNDÜZ O.  
2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- XXVII. **Effect of temperature, viscosity and surface tension on gelatine structures produced by modified 3D printer**  
KALKANDELEN C., Ozbek B., Ergul N. M., Moukbil Y., OKTAR F. N., EKREN N., KILIÇ O., GÜNDÜZ O.  
2017 2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- XXVIII. **Electrohydrodynamic (EHD) Bioprinting of Polycaprolactone Scaffolds**  
Altun E., AKYOL S., EKREN N., KILIÇ O., GÜNDÜZ O.

2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017

- XXIX. **Effects of Sintering Temperature on Electrical Properties of Sheep Enamel Hydroxyapatite**  
DUMLUDAĞ F., GÜNDÜZ O., KILIÇ O., KILIÇ B., EKREN N., KALKANDELEN C., OKTAR F. N.  
ICSMR2017, 3rd International Conference on Smart Material Research, Melbourne, Australia, 15 - 17 November 2017
- XXX. **DC and AC conductivity properties of bovine dentine hydroxyapatite (BDHA)**  
DUMLUDAĞ F., GÜNDÜZ O., KILIÇ O., EKREN N., KALKANDELEN C., Ozbek B., OKTAR F. N.  
2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- XXXI. **Microstructural and Mechanical Properties of Nano-Yttria-Oxide doped Hydroxyapatite Composites**  
GÜNDÜZ O., YETMEZ M., EKREN N., KILIÇ O., Bennisan B., OKTAR F. N.  
2017 2nd International Conference on Frontiers of Composite Materials (ICFCM2017), 15 - 17 November 2017
- XXXII. **Effects of sintering temperature on electrical properties of sheep enamel hydroxyapatite**  
Dumludağ F., Gündüz O., Kılıç O., Kılıç B., Ekren N., Kalkandelen C., Oktar F. N.  
ICSMR 2017, 2017 3rd International Conference on Smart Material Research, Melbourne, Australia, 15 - 17 November 2017, pp.21
- XXXIII. **Preparation, Characterization and Properties of Melatonin-loaded Polycaprolactone Microspheres as a Drug Delivery System**  
Ergül N. M., Ozbek B., Özbekli D., EKREN N., OKTAR F. N., AKYOL S., GÜNDÜZ O.  
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XXXIV. **Preparation Characterization and Properties Of Melatonin -loaded Polycaprolactone Microspheres as a Drug Delivery System**  
Gürler E. B., Ergül N. M., Özbek B., Özbekli D., Ekren N., Oktar F. N., Akyol S., Gündüz O.  
International Meeting on Education& Research in Health Sciences (IMER-HS), İstanbul, Turkey, 3 - 05 November 2017
- XXXV. **Production of Biocompatible Poly(E- CAPROLACTONE) / Tri-Calcium Phosphate/ Hexagonal Boron Nitride Fibrous Composites**  
Özbek B., Ergül N. M., EKREN N., OKTAR F. N., Mergen A., KALKANDELEN C., Kuruca E., Süleymanoğlu M., GÜNDÜZ O.  
International Materials Technologies and Metallurgy Conference 2017, 26 - 27 October 2017
- XXXVI. **Fabrication of Natural Hydroxyapatite from Gilthead Seabream (Sparus aurata)**  
EKREN N., GÜNDÜZ O., Gökçe H., KALKANDELEN C., KAYALI E. S., Ben Nissan B., Fıcaı A., OKTAR F. N.  
29th Symposium and Annual Meeting of the International Society for Ceramics in Medicine, 25 - 27 October 2017
- XXXVII. **Microstructural and Mechanical Properties of Nano-titaniumoxide Reinforced Bovine Hydroxyapatite Composites**  
OKTAR F. N., Gökçe H., YETMEZ M., Agathopoulos S., KAYALI E. S., Besim B. N., EKREN N., GÜNDÜZ O.  
29th Symposium and Annual Meeting of International Society for Ceramic in Medicine, 25 October - 27 December 2017
- XXXVIII. **Process Optimization of Electrospun Fish Sarcoplasmic Protein Based Nanofibers**  
su S., Ozbek b., ŞAHİN Y. M., YÜCEL S., KAZAN D., OKTAR F. N., EKREN N., GÜNDÜZ O.  
FN 2017 : 19th International Conference on Food Nanotechnology, 17 - 18 August 2017
- XXXIX. **Process Optimization of Electrospun Fish Sarcoplasmic Protein Based Nanofibers**  
Su S., Ozbek B., Sahin Y., Yucel S., KAZAN D., OKTAR F. N., EKREN N., Guzduz O.  
19th International Conference on Food Nanotechnology, 17 - 18 August 2017
- XL. **Production of the novel nanofibers of poly (ε-caprolactone)/tri-calcium phosphate/hexagonal boron nitride composites for bone tissue engineering**  
Erdogan B., EKREN N., OKTAR F. N., GÜNDÜZ O.  
13th International Conference on Materials Chemistry (MC13), 10 - 13 July 2017
- XLI. **Novel Electrospun Polycaprolactone/Graphene Oxide/Fe3O4 Nanocomposites for Biomedical Applications**  
GÜNDÜZ O., Aydogdu M. O., EKREN N., OKTAR F. N., KURUCA D. S., suleymanoglu m., KILIÇ O.  
13th International Conference on Materials Chemistry (MC13), 10 - 13 July 2017

- XLII. Production of the PCL/Zinc Oxide/Silver Nitrate Nanofibrous Scaffolds with Enhanced Antimicrobial Activity Using Co- Axial Electrospinning Method**  
Aydogdu M. O., Cetin G., Altun E., EKREN N., OKTAR F. N., KILIÇ O., GÜNDÜZ O.  
13th International Conference on Materials Chemistry (MC13), 10 - 13 July 2017
- XLIII. Production of Bone Tissue Engineering Nanofiber Scaffold by Electrospinning Method**  
Ozcan A., Ugar G., Topsakal A., Altun E., OKTAR F. N., EKREN N., GÜNDÜZ O., SALMAN S.  
The Tenth Japanese-Mediterranean Workshop on Applied Electromagnetic Engineering for Magnetic, Superconducting, Multifunctional and Nanomaterials (JAPMED'10), 4 - 08 July 2017
- XLIV. Mechanical and physical properties of dentine-glass composites**  
Ozbek B., KILIÇ O., GÜNDÜZ O., EKREN N., Gökçe H., OKTAR F. N.  
28th Annual Meeting of the International Society for Ceramics in Medicine, Bioceramics 2016, North-Carolina, United States Of America, 18 - 21 October 2016, vol.720, pp.257-263
- XLV. Natural hydroxyapatite synthesis from fish bones: "Atlantic Bonito" (Sarda sarda)**  
GÜNDÜZ O., KILIÇ O., EKREN N., Gökçe H., Kalkandelen C., OKTAR F. N.  
28th Annual Meeting of the International Society for Ceramics in Medicine, Bioceramics 2016, North-Carolina, United States Of America, 18 - 21 October 2016, vol.720, pp.207-209
- XLVI. A Novel Reproducible Method for Production of Nano Microparticles via Electrospinning**  
İNAN A. T., Altun E., EKREN N., GÜNDÜZ O.  
International MicroNanoConference, 13 - 14 December 2016
- XLVII. A Novel Reproducible Method for Production of Nano Microparticles via Electrospinning has been**  
İNAN A. T., Altun e., EKREN N., GÜNDÜZ O.  
International MicroNanoConference, 13 - 14 December 2016
- XLVIII. Electrospun Composite Scaffolds For Cardiovascular Tissue Engineering**  
ÇAKMAK S., Aydogdu M. O., Altun E., EKREN N., GÜNDÜZ O.  
the 16th International Conference on Biomedical Engineering, 7 - 10 December 2016
- XLIX. Electrospun Nanocomposite Materials, A Novel Synergy of Polyurethane and Bovine Derived Hydroxyapatite**  
Bozkurt Y., Sahin A., Sunulu A., Aydogdu M. O., Altun E., Oktar F. N., Ekren N., Gunduz O.  
International Conference on Applied Nanotechnology and Nanoscience (ANNIC), Barcelona, Spain, 9 - 11 November 2016, vol.829
- L. Natural Hydroxyapatite Synthesis from Fish Bones Atlantic Bonito**  
GÜNDÜZ O., KILIÇ O., EKREN N., Hasan G., KALKANDELEN C., OKTAR F. N.  
Bioceramics 28, Charlot Noth Carolina, United States Of America, 18 - 21 October 2016
- LI. Physical Charecterization of Turbot Psetta Maxima Originated Natural Hydroxyapatite**  
İNAN A. T., KÖMÜR B. H., gökçe h., Fikai A., SALMAN S., EKREN N., OKTAR F. N., GÜNDÜZ O.  
APMAS 2016, 1 - 03 June 2016
- LII. Hydroxyapatite Synthesis from Fish Scale Atlantic Salmon Salmo Salar**  
KÖMÜR B. H., Altun E., Aydogdu M. O., Bilgiç D., Gökçe H., EKREN N., SALMAN S., İNAN A. T., OKTAR F. N., GÜNDÜZ O.  
6th International Advances in Applied Physics and Materials Science Congress & Exhibition, 1 - 03 June 2016
- LIII. Characterization of Cu Ag Eu Hydroxyapatite Composites by Using Wet chemical Precipitation**  
KÖMÜR B. H., Öztürk R. E., İNAN A. T., GÜNDÜZ O., Ecatarina A., Fikai A., EKREN N., OKTAR F. N.  
6th International Advances in Applied Physics and Materiasls Science Congress & Exhibition (APMAS 2016), 1 - 03 June 2016
- LIV. Characterization of Cu Ag Eu Hydroxyapatite Composite by Using Wet Chemical Precipitation**  
KÖMÜR B. H., Öztürk R., İNAN A. T., GÜNDÜZ O., Andronescu E., Fikai A., EKREN N., OKTAR F. N.  
6th International Advances in Applied Physics and Materials Science Congress&Exhibition, 1 - 03 June 2016
- LV. Physical Characterization of Turbot Psetta Maxima Originated Natural Hydroxyapatite**  
İNAN A. T., KÖMÜR B. H., Gökçe H., Fikai A., SALMAN S., EKREN N., OKTAR F. N., GÜNDÜZ O.  
6th International Advances in Applied Physics and Materials Science Congress&Exhibition, 1 - 03 June 2016
- LVI. Can European sea Bass Dicentrarchus Labrax Scale Bea Good Candidate for Nano Bioceramics Production**

- EKREN N., Şahin M., Gündüz O., Oktar F.  
27 th Symposium and Annual Meeting The International society for Ceramics in Medicine, 23 - 26 November 2015
- LVII. **Novel Bioceramic Production via Mechano chemical Conversion from Plate Limpet shells**  
EKREN N.  
27th Symposium and Annual Meeting The International Society for Ceramics Medicine, 23 - 25 November 2015
- LVIII. **Mechanical properties of hydroxyapatite HAp Polycaprolactone PCL fibers biocomposites**  
Keler M., GÜNDÜZ O., DAĞLILAR S., EKREN N., OKTAR F. N.  
Jahrestagung der Deutschen Gesellschaft für Biomaterialien, 12 - 14 November 2015
- LIX. **The Mechanical Properties of Hydroxyapatite HAp Polycaprolactone PCL Biocomposites**  
Keler M. K., GÜNDÜZ O., DAĞLILAR S., EKREN N., OKTAR F. N.  
Jahrestagung der Deutschen Gesellschaft für Biomaterialien 2015, 12 - 14 November 2015
- LX. **Novel Bioceramics Production via Mechano Chemical Conversion from Plate Limpet Shells**  
GÜNDÜZ O., ŞAHİN Y. M., EKREN N., İNAN A. T., SALMAN S., Chou J., Ben Nissan B., OKTAR F. N.  
27th Symposium and Annual Meeting The International Society for Ceramics in Medicine, 27 - 29 October 2015
- LXI. **Can European Sea Bass Dicentrarchus labrax Scale Be a Good Candidate for Nano Bioceramics production**  
GÜNDÜZ O., ŞAHİN Y. M., EKREN N., İNAN A. T., SALMAN S., Chou J., Ben Nissan B., OKTAR F. N.  
27th Symposium and Annual Meeting The International Society for Ceramics in Medicine, 27 - 29 October 2015
- LXII. **Mechanical Behavior of PCL Nano Fibers**  
keler k., OKTAR F. N., EKREN N., GÜNDÜZ O., YÜKSEK M., DAĞLILAR S., ŞAHİN Y.  
27 th Symposium and Annual Meeting, The International Society for Ceramics in Medicine, 27 - 29 October 2015
- LXIII. **Novel bioceramic production via mechano chemical conversion from plate limpet shells**  
GÜNDÜZ O., ŞAHİN Y. M., EKREN N., İNAN A. T., SALMAN S., Chou J., BenBesim B., OKTAR F. N.  
27th symposium and Annual Meeting of the International Society for Ceramics in Medicine, 27 - 30 October 2015
- LXIV. **Production of Bacterial Cellulose Nanofibers for Tissue Engineering Applications**  
Altun E., GÜNDÜZ O., ÖZMEN TOĞAY S., EKREN N., ŞENGİL A. Z.  
27th Symposium and Annual Meeting The International Society For Ceramics in Medicine, 27 - 29 October 2015
- LXV. **Production of Apatite from Snail Shells for Biomedical Engineering Applications**  
GÜNDÜZ O., ŞAHİN Y. M., EKREN N., İNAN A. T., SALMAN S., Chou J., Ben Nissan B., OKTAR F. N.  
27th Symposium and Annual Meeting The International Society for Ceramics in Medicine, 27 - 29 October 2015
- LXVI. **Mechanical behaviour of PCL fibers**  
Memduh K., DAĞLILAR S., GÜNDÜZ O., YÜKSEL M., ŞAHİN Y. M., EKREN N., OKTAR F. N.  
27th symposium and Annual Meeting of the International society for ceramics in Medicine, 27 - 29 October 2015
- LXVII. **Can European Sea Bass Dicentrarchus labrax Scale Be a Good Candidate for Nano Bioceramics Production**  
ŞAHİN Y. M., fıcaı A., GÜNDÜZ O., EKREN N., Tuna A., Gökçe H., OKTAR F. N.  
27th symposium and Annual Meeting of the International society for ceramics in Medicine, 27 - 29 October 2015
- LXVIII. **Gerçek Zamanlı Kontrol Edilebilen Aydınlatma Laboratuvarı Uygulaması**  
Polat Z., Ekren N., Bayar H.  
IV.Uluslararası Meslek Yüksekokulları Sempozyumu "Bölgesel Kalkınmada Meslek Yüksekokullarının Rolü", Yalova, Turkey, 21 - 23 May 2015
- LXIX. **Bilgisayar ve İnternet Destekli Uzaktan Eğitim Programlarının Değerlendirme Aşamaları UZEM örneği**  
EKREN N., AKKUL N.  
8. ULUSAL EĞİTİM YÖNETİMİ KONGRES, Turkey, 7 - 09 November 2013, vol.21
- LXX. **Teknoloji Fakültelerinde Uzaktan Eğitim Uygulamaları**  
TAÇGIN Z., EKREN N., BİNARK A. K., BALCI E. Ö.  
Geleceğin Mühendislik Eğitiminde Endüstri ile İşbirliği Sempozyumu, Isparta, Turkey, 1 - 02 November 2011
- LXXI. **Sintering effect on boron based Bioglass doped composites of bovine hydroxyapatite**  
Gunduz O., Ahmad Z., Salman S., Inan A. T., Ekren N., Agathopoulos S., Ozyegin L. S., Kayali E. S., Oktar F. N.  
14th International Conference on Advances in Materials and Processing Technologies (AMPT), İstanbul, Turkey, 13

- 16 July 2011, vol.445, pp.982-983

- LXXII. **Examination of Harmonics in Incandescent Lamps and CFLs**  
Aykut E., DURSUN B., Buyuktumturk F., EKREN N.  
Conference on Energy Strategy and Technology (CEST 2010), Beijing, China, 23 - 24 October 2010, pp.121-124
- LXXIII. **Importance of virtual illumination technique in the illumination education**  
EKREN N., KAKİLLİ A.  
2010 9th International Conference on Information Technology Based Higher Education and Training, ITHET 2010, Cappadocia, Turkey, 29 April - 01 May 2010, pp.95-97
- LXXIV. **Energy Security Status of Turkey and the World**  
VARBAK NEŞE S., EKREN N.  
5th International Ege Energy Symposium and Exhibition, 27 - 30 June 2010, vol.147
- LXXV. **Güneş Enerjisi Panellerinden Elde Edilen DC Gerilimin Yüksek Doğru Gerilim HVDC Olarak İletimi**  
KAKİLLİ A., EKREN N., BİRBİR Y., YILMAZ M.  
UDUSİS 1. Uluslararası Kalımlı Kamu-Üniversite-Sanayi İşbirliği Sempozyumu ve Mermercilik Şurası, Diyarbakır, Turkey, 25 - 28 May 2010, pp.622-623
- LXXVI. **Feature extraction for ferroresonance phenomena in electric power system**  
Akinci T. Ç., Şeker S., EKREN N.  
20th IASTED International Conference on Modelling and Simulation, MS 2009, Banff, Canada, 6 - 08 July 2009, pp.367-371
- LXXVII. **Spectral Analysis for Signals Based On Ferrorensonance Phenomena In Electric Power System**  
AKINCI T. Ç., ŞEKER Ş. S., EKREN N.  
International Conference Engineering, Technologies and Systems TECHSYS 2009, 29 - 30 May 2009
- LXXVIII. **Bir Fazlı İletim Hattı Modeli Üzerinde Ferrorezonans Olayının İncelenmesi**  
AKINCI T. Ç., MORKYANI G., GÖKMEN G., EKREN N., ŞEKER Ş. S.  
5. Uluslararası İleri Teknolojiler Sempozyumunda sunuldu (IATS'09), Karabük, Turkey, 13 - 15 May 2009
- LXXIX. **Analysis of Ferroresonance on Single Phase Line Model**  
AKINCI T. Ç., Morkyani G., GÖKMEN G., EKREN N., ŞEKER Ş. S.  
5th International Advanced Technologies Symposium, 13 - 15 May 2009
- LXXX. **An Experimental Study of D C and A C Load Effects on Photovoltaic Systems**  
EKREN N., ONAT N., SAĞLAM Ş.  
WSEAS International Conference on Renewable Energy Sources (RES'xx 08), CORFU ISLAND, Greece, 26 - 28 October 2008, vol.1
- LXXXI. **An Experimental Study of DC and AC Load Effects on Photovoltaic Systems**  
EKREN N., Onat N., SAĞLAM Ş.  
2nd WSEAS/IASME International Conference on Renewable Energy Sources, Corfu, Greece, 26 - 28 October 2008, pp.81-82
- LXXXII. **Neuro Network Solution to the Design of Hall Effect Current Transformer**  
GÖKMEN G., Özel Y., EKREN N.  
12 th WSEAS International Conference on Circuit, 22 - 24 September 2008
- LXXXIII. **Neuro Network Solution to the Design of a Hall Effect Current Transformer**  
KARATEPE MUMCU Y., GÖKMEN G., EKREN N.  
12th WSEAS International Conference on CIRCUITS Heraklion, Greece, July 22-24, 2008, 22 - 24 July 2008, pp.184
- LXXXIV. **Fluoresan Aydınlatma Sistemlerinde Kullanılan Balastların Tekno-Ekonomik Yönden İncelenmesi**  
EKREN N., KOCABEY S., ATİŞ S.  
6.Ulusal Aydınlatma Kongresi, İstanbul, Turkey, 23 - 24 November 2006, pp.93-100
- LXXXV. **İnternet Destekli Uzaktan Eğitimin Kaynak Teknoloji Dersinde Uygulanması**  
GÜNDÜZ O., safak C., EKREN N., Yiğit ş., YÜKLER A. İ.  
I. Uluslararası Katılımlı Meslekî ve Teknik Eğitim Teknolojileri Kongresi, cilt III, 11 - 13 September 2005
- LXXXVI. **The Importance of Legal Regulation At Removing Light Pollution in Turkey**  
EKREN N., ONAT M.  
1st International Vocational and Technical Education Technologies Congress, 5 - 07 September 2005

- LXXXVII. **Uçak Bakım ve Onarımında Aydınlatmanın Yeri ve Önemi**  
EKREN N., ATİŞ S., KOCABEY S.  
5.Ulusal Aydınlatma Kongresi, İstanbul, Turkey, 7 - 08 October 2004, pp.225-232
- LXXXVIII. **Elektrik Enerjisi Tasarrufu Açısından Işık Borularının İncelenmesi**  
EKREN N., GÖRGÜLÜ S.  
5. Ulusal Aydınlatma Kongresi, Turkey, 7 - 08 October 2004
- LXXXIX. **Lighting Issues in Aircraft and Maintenance Workplaces**  
EKREN N., SELÇUK A., KOCABEY S., AKBAŞ A., TOPUZ V.  
Air Transport Research Society World Conference (ATRS 2004), 1 - 03 September 2004
- XC. **Lightning Issues in Aircraft Repair and Maintenance Workplaces**  
EKREN N., Atış S., KOCABEY S., Akbaş A., TOPUZ V.  
Air Transport Research Society World Conference, 1 - 03 September 2004
- XCI. **Lighting Issues in Aircraft Repair and Maintenance Workplaces**  
EKREN N., ATİŞ S., KOCABEY S., AKBAS A., TOPUZ V.  
Air Transport Research Society World Conference, İstanbul, Turkey, 1 - 03 July 2004, pp.1-15
- XCII. **Derin Yataklı Hızlı Kum Filtresinde Bilgisayar Destekli Ölçüm ve Kalibrasyon İşlemleri**  
ONAT M., EKREN N., İNAN A. T., Özcan E.  
5. Ulusal Ölçümbilim Kongresi, Turkey, 9 - 10 October 2003
- XCIII. **Fluoresan Aydınlatma Sistemlerinde Kullanılan Balastların Tekno-Ekonomik Yönden İncelenmesi**  
EKREN N., KOCABEY S., Atış S.  
6. Ulusal Aydınlatma Kongresi, Turkey, 23 - 24 November 2000
- XCIV. **Application of the Instantaneous Power Spectrum and a Stationarity Index in Detection of Gear Defects**  
Baydar N., EKREN N.  
The International Conference and Exhibition on Gearing, Transmission Mechanical Systems, 3 - 06 September 2000
- XCv. **Aydınlatma Tesislerinde Tüketilen Elektrik Enerjisinin Azaltılmasıyla İlgili Bir Uygulama**  
EKREN N., KOCABEY S.  
Türkiye 8. Enerji Kongresi, Turkey, 8 - 12 May 2000
- XCVI. **Işık Kirliliği**  
EKREN N.  
1. Çevre ve Teknoloji Sempozyumu, Turkey, 17 - 18 April 2000
- XCvII. **Ülkemizdeki Teknoloji Eğitimi ve AB Ülkelerindeki Teknoloji Eğitimlerinin Karşılaştırılması**  
Kentli F., EKREN N., Güney İ.  
1. Çevre ve Teknoloji Sempozyumu, Turkey, 17 - 18 April 2000
- XCvIII. **Türkiye'xxde Elektrikli Makina ve Elektronik Sektöründeki Yabancı Sermaye Yatırımlarının Teknolojiye Etkileri**  
ÇATALCA H. H., EKREN N.  
Türkiye 7. Enerji Kongresi, Turkey, 3 - 08 November 1997
- XCIX. **Marmara Üniversitesi Teknik Eğitim Fakültesi Elektrik Eğitimi Bölümü Elektrik Makinaları ve Elektrik Devreleri Laboratuvarlarının Aydınlatma Gürültü ve Antropometrik Açıdan İncelenmesi**  
EKREN N., büyüktürk f., TERZİ Ü. K., ORAL B.  
Yöneylem Araştırması ve Endüstri Mühendisliği 96, XVIII. Ulusal Kongresi, İstanbul, Turkey, 23 - 26 October 1996, pp.148-151
- C. **İmalat Sanayiinde Elektrik Enerjisi Kullanımının Etkileri**  
DOĞRUER İ. M., EKREN N., İNAN A. T.  
YA/EM'xx96 Yöneylem araştırması ve Endüstri Mühendisliği XVIII.Ulusal Kongresi, İstanbul, Turkey, 23 - 25 October 1996
- CI. **Türkiye Elektrik Enerjisi Talep Tahmini Regrasyon Modeli Yaklaşımı**  
GÜNEY K. R. İ., EKREN N., KAKİLLİ A.  
Araştırma Sempozyumu 91, Turkey, 25 - 27 November 1991
- CII. **Türkiye Ekonomisinde Enerji Etkinliği Probleminin Input-Output Yaklaşımına Dayalı Analizi**

GÜNEY K. R. İ., EKREN N., AKÜNER M. C.

Araştırma Sempozyumu 91, Turkey, 25 - 27 November 1991

### CIII. Elektrik Enerjinin Tüketiminin Optimal Yönden Analizi

GÜNEY K. R. İ., EKREN N.

Yönetim Araştırması ve Endüstri Mühendisliği Bildiriler 91, Turkey, 17 - 19 June 1991

## Supported Projects

Ekren N., KOSGEB, Yara ve Yanık Tedavisinde Kullanılan Taşınabilir Elektrospini Cihazı, 2023 - 2024

Ekren N., Ulaş S., Gündüz O., Other International Funding Programs, Connect4Innovation: UK-Turkey Higher Education Institutional Partnerships Fund 2022-2024, 2022 - 2024

Çalıkoğlu Koyuncu A. C., Gündüz O., Ekren N., Ulaş S., Gündüz S., Erasmus Project, Creating a virtual laboratory for online teaching, 2021 - 2023

Çam M. E., Gündüz O., Üstündağ C. B., Tınaz G., Şengör M., Ekren N., Bingöl Özakpınar Ö., Akkaya Turhan S., Yazır Y., Fırlıklı N., TÜBİTAK International Bilateral Joint Cooperation Program Project, Design and fabrication of the multilayer patches for the treatment of corneal perforations secondary due to corneal infections, 2020 - 2022

Bakır B., Gündüz O., İnan A. T., Ekren N., Oktar F. N., TÜBİTAK Project, Üç Boyutlu Biyo Yazıcı Teknolojisi İle Yenilikçi Biyomedikal Uygulamaları Eğitimi, 2020 - 2021

Ekren N., Gündüz O., Kılıç O., Korkmaz H., Başpınar U., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Biyomedikal Görüntüleme ve Tanı Laboratuvarı, 2016 - 2019

Ekren N., Project Supported by Other Official Institutions, VERİ TABANLI KONTROL VE GÖZETLEME SİSTEMİ, 2003 - 2006

Ekren N., Project Supported by Other Official Institutions, 3 Eksenli Robot Kolu ile Planlı Bir Hareketi Olmayan Nesnenin Görüntü İşleme Tekniği ve Takibi, 2005 - 2005

Ekren N., Project Supported by Higher Education Institutions, Şebeke Bağlantılı Fotovoltaik Aydınlatma Sisteminin Bulanık Mantık ile Kontrolü, 2002 - 2004

## Patent

Gündüz O., EKREN N., A biomimetic artificial blood vessel and a production method thereof, Patent, CHAPTER A Human Needs, The Invention Registration Number: US20200061247A1 , 2020

Ekren N., Sağlam Ş., Sarkın A. S., Fotovoltaik Panellerde verim artırıcı nano yapıli kaplamalar, Patent, CHAPTER H Electricity, The Invention Registration Number: US 2020/0061247 A1 , Standard Registration, 2020

Ekren N., AN ARTIFICIAL BIOMIMETIC BORDER TISSUE SCAFFOLDING AND PRODUCTION METHOD, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2016 15825 A1 , Standard Registration, 2019

## Activities in Scientific Journals

AJIT-e: Academic Journal of Information Technology, Committee Member, 2022 - Continues

Kahramanmaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi, Publication Committee Member, 2008 - 2016

## Memberships / Tasks in Scientific Organizations

Elektrik Mühendisleri Odası, Member, 1989 - Continues

## Scientific Refereeing

Technopark, Marmara University, Turkey, September 2023  
Technopark, Marmara University, Turkey, September 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, July 2023  
Technopark, Marmara University, Turkey, May 2023  
ENERGY TECHNOLOGY, Journal Indexed in SCI-E, January 2023  
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Marmara University, Turkey, April 2022  
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, SCI Journal, February 2022  
Bioactive Materials, SCI Journal, June 2021  
Journal of Science: Advanced Materials and Devices, SCI Journal, June 2021  
EUROPEAN POLYMER JOURNAL, SCI Journal, January 2021  
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, SCI Journal, November 2020  
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Marmara University, Turkey, May 2020  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, teknopark istanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark istanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, teknopark istanbul, Turkey, October 2019  
Technopark, teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019  
Technopark, teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark istanbul, Turkey, October 2019  
Technopark, teknopark İstanbul, Turkey, October 2019  
Technopark, Teknopark İstanbul, Turkey, October 2019





Technopark, Teknopark İstanbul, Turkey, May 2019  
7th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2019  
7th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, April 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, March 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, February 2019  
Technopark, Teknopark İstanbul, Turkey, January 2019  
Technopark, Teknopark İstanbul, Turkey, January 2019  
Technopark, Teknopark İstanbul, Turkey, January 2019  
Technopark, Teknopark İstanbul, Turkey, January 2019  
Technopark, Teknopark İstanbul, Turkey, January 2019  
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Marmara University, Turkey, October 2018  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, October 2018  
Technopark, İstanbulTeknopark, Turkey, August 2018  
Technopark, İstanbul Teknopark, Turkey, August 2018  
Technopark, Teknopark İstanbul, Turkey, July 2018  
Technopark, Teknopark İstanbul, Turkey, June 2018  
Technopark, Teknopark İstanbul, Turkey, June 2018  
Technopark, Teknopark İstanbul, Turkey, June 2018  
Technopark, Teknopark İstanbul, Turkey, June 2018  
Technopark, Teknopark İstanbul, Turkey, May 2018  
Technopark, Teknopark İstanbul, Turkey, May 2018  
Technopark, Teknopark İstanbul, Turkey, May 2018  
6th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2018  
6th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2018  
6th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2018  
6th International Istanbul Smart Grid and Cities Congress and Fair, Conference Paper (Full Text), April 2018  
Technopark, Teknopark İstanbul, Turkey, April 2018

Technopark, Teknopark İstanbul, Turkey, April 2018  
Technopark, Teknopark İstanbul, Turkey, April 2018  
Technopark, İstanbul Teknopark, Turkey, April 2018  
Technopark, Teknopark İstanbul, Turkey, April 2018  
Technopark, Teknopark İstanbul, Turkey, March 2018  
Technopark, Teknopark İstanbul, Turkey, March 2018  
Technopark, Teknopark İstanbul, Turkey, February 2018  
Technopark, Teknopark İstanbul, Turkey, February 2018  
Technopark, Teknopark İstanbul, Turkey, February 2018  
Technopark, Teknopark İstanbul, Turkey, February 2018  
Technopark, Teknopark İstanbul, Turkey, January 2018  
Technopark, İstanbul Teknopark, Turkey, January 2018  
Technopark, Teknopark İstanbul, Turkey, December 2017  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, December 2017  
Technopark, Teknopark İstanbul, Turkey, December 2017  
Technopark, Teknopark İstanbul, Turkey, December 2017  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, December 2017  
Technopark, Teknopark İstanbul, Turkey, November 2017  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, November 2017  
Technopark, Teknopark İstanbul, Turkey, October 2017  
Technopark, Teknopark İstanbul, Turkey, October 2017  
Technopark, Teknopark İstanbul, Turkey, October 2017  
Technopark, Teknopark İstanbul, Turkey, September 2017  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, July 2017  
Technopark, Teknopark İstanbul, Turkey, October 2016  
Technopark, Teknopark İstanbul, Turkey, October 2016  
Technopark, Teknopark İstanbul, Turkey, August 2016  
Technopark, Teknopark İstanbul, Turkey, July 2016  
Technopark, Teknopark İstanbul, Turkey, July 2016  
Technopark, Teknopark İstanbul, Turkey, June 2016  
Technopark, Teknopark İstanbul, Turkey, June 2016  
Technopark, İstanbulteknopark, Turkey, May 2016  
Technopark, Teknopark İstanbul, Turkey, April 2016  
Technopark, Teknopark İstanbul, Turkey, January 2016  
Technopark, İstanbul Teknopark, Turkey, December 2015  
Technopark, Teknopark İstanbul, Turkey, December 2015  
Technopark, Teknopark İstanbul, Turkey, December 2015  
Technopark, Teknopark İstanbul, Turkey, December 2015  
Technopark, Teknopark İstanbul, Turkey, November 2015  
Technopark, Teknopark İstanbul, Turkey, November 2015  
Technopark, Teknopark İstanbul, Turkey, October 2015  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, October 2015  
Technopark, Teknopark İstanbul, Turkey, October 2015  
Technopark, Teknopark İstanbul, Turkey, August 2015  
Technopark, Teknopark İstanbul, Turkey, July 2015  
Technopark, Teknopark İstanbul, Turkey, March 2015  
Technopark, Teknopark İstanbul, Turkey, March 2015  
Technopark, Teknopark İstanbul, Turkey, March 2015  
Technopark, Teknopark İstanbul, Turkey, February 2015  
Technopark, Teknopark İstanbul, Turkey, February 2015  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, December 2014

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, February 2014  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, February 2014  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, February 2014  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, February 2010  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, November 2009  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, Marmara University, Turkey, August 2008

## Tasks In Event Organizations

Ekren N., Conference on Innovations and Applications in Intelligent Systems 2020, Scientific Congress, İstanbul, Turkey, Ekim 2020  
Ekren N., Üniversite Öğrencileri araştırma Proje Yarışması; İstanbul Asya, Social Activities, İstanbul, Turkey, Haziran 2019  
Ekren N., 13. TÜBİTAK Ortaokul Öğrencileri Araştırma Projeleri Yarışması; İstanbul Asya Bölgesi, Social Activities, İstanbul, Turkey, Mart 2019  
Ekren N., Tübitak 50. Lise Öğrencileri Yarışması; İstanbul Asya Bölgesi, Social Activities, İstanbul, Turkey, Şubat 2019  
Ekren N., 1. , Scientific Congress, Turkey, Şubat 2008

## Scientific Research / Working Group Memberships

Nanoteknoloji, Marmara University, Türkiye, <https://nanolabmarmara.com/tr/calisma-grubumuz.html>, 2008 - Continues

## Metrics

Publication: 205  
Citation (WoS): 997  
Citation (Scopus): 1771  
H-Index (WoS): 17  
H-Index (Scopus): 23

## Congress and Symposium Activities

2. International Conference on Frontiers of Composite Materials, Working Group, Melbourne, Australia, 2017  
29. Bioceramics, Working Group, Toulouse, France, 2017  
28. Bioceramics, Working Group, North-Carolina, United States Of America, 2016  
27. Biocreamics, Working Group, Denpasar, Indonesia, 2015

## Awards

Ekren N., Altun E., Gündüz O., Şengil A. Z., Togay S., an artificial biomimetic nerve tissue scaffold and production methos, Ofed, December 2020  
Ekren N., Gündüz O., İnan A. T., Oktar F. N., Çakmak S., Aydoğdu O., Altun E., YAPAY BİR BİYOMİMETİK SİNİR DOKU İSKELESİ VE ÜRETİM YÖNTEMİ Patent Gümüş ödülü, Isif 2020 İstanbul Uluslararası Buluş Fuarı, January 2020  
Ekren N., Gündüz O., Best Presentation Award, 3Rd International Conference On Smart Material Research (Icsmr 2017), November 2017  
Ekren N., Gündüz O., Şahin Y. M., Yücel S., Kazan D., Oktar F. N., Best Presentation Award, 19Th International Conference On Food Nanotechnology, August 2017

## **Non Academic Experience**

Trafo Bakım San. ve Tic Ltd.Şti.