Prof. Fatma Neşe Kök

Personal Information

Office Phone: +90 212 285 7246
Email: kokf@itu.edu.tr
Web: https://www.kokbiolab.com
Address: İTÜ Ayazağa Kampüsü

International Researcher IDs
ORCID: 0000-0002-5093-6013
ScopusID: 7102969714
Yoksis Researcher ID: 23795

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (Dr), Turkey 1995 - 1997
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (Yl) (Tezli), Turkey 1995 - 1997
Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 1989 - 1994

Foreign Languages

English

Certificates, Courses and Trainings

Quality Management, ISO17025 Akreditasyon Eğitm Sertifikası, Avrupa Biriği-TC Ekonom Bakanığı, 2012
Health&Medicine, Deney hayvanları kullanm sertifikası, Yeditepe Üniverstesi, 2007
Health&Medicine, Moleküler Tanı ve Uygulamaları, Ege Üniversitesi Eczacılık Fakültesi, 2002
Health&Medicine, Polymer based systems on tissue engineering, replacement and regeneration, NATO/ASI Advanced Study Institute, 2001

Dissertations

Doctorate, Construction of an acettylcholine esterase-choline oxidase biosensor for the detection of aldicarb, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyoteknoloji, 2001
Postgraduate, Control of aldicarb concentration in the environment via use of carboxymethyl cellulose microspheres: A two-pronged biotechnological approach, Orta Doğu Teknik Üniversitesi, Fen Bilimleri, Biyoteknoloji, 1997

Research Areas

Technical Sciences, Metallurgical and Materials Engineering, Material science and engineering, Polymeric Materials,

Nanomaterials, Basic Sciences, Life Sciences, Biotechnology, Biomaterial, Biosensor

Academic Titles / Tasks

Professor, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2019 - Continues
Associate Professor, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2013 - 2019
Assistant Professor, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2005 - 2013
Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, 1995 - 2002

Academic and Administrative Experience

Director of the Center, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2022 - Continues
Head of Department, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2022 - Continues
Head of Ethics Committee, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2019 - Continues
Deputy Head of Department, Istanbul Technical University, Moleküler Biyoloji Ve Genetik Bölümü, 2013 - 2020
Fakülte Kurulu Üyesi, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2014 - 2017
Fakülte Yönetim Kurulu Üyesi, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, 2010 - 2012
İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2008 - 2009

Courses

ENZİM KİNETİĞİ, Postgraduate, 2016 - 2017

Advising Theses

Kök F. N., In vitro skeletal muscle model development through co-culture of cells, Doctorate, A.Burcu(Student), 2017
Kök F. N., DENTAL STEM CELL MEDIATED BONE TISSUE ENGINEERING USING PORCINE MODEL, Doctorate, G.Gürel(Student), 2017
Kök F. N., İnsan Mezenkimal Kök Hücrelerinin 3B İpek Fibroin Yapı İskelelerine Uygulanarak Kardiyak Doku Mühendisliğinde Kullanılması, Postgraduate, G.Merve(Student), 2017
Kök F. N., Biyomineralizasyonu Tetikleyen, Fonksiyonel ve Biyobozunur Bir Kemik Doku Mühendisliği İskelesi Yapımı, Postgraduate, İ.Özcan(Student), 2016
Kök F. N., Elektroçekim Yöntemi ile Elde Edilmiş İletken Polimer Matlar Üzerinde Biyomimetik Hücre Zarı Üretimi ve Karakterizasyonu, Postgraduate, Ş.Seherler(Student), 2016
Kök F. N., pH'ya duyarlı antibiyotik salımı yapan yara örtüsü geliştirilmesi, Postgraduate, A.Buse(Student), 2016
Kök F. N., Doğal polimerler ile hazırlanan doku iskelelerinin yapımı ve karakterizasyonu, Postgraduate, B.Ağbaba(Student), 2016
Kök F. N., Farklı organik çözücülerin yüzey destekli lipit katmanlar üzerine etkilerinin atomik kuvvet mikroskobu ile araştırılması, Postgraduate, S.Çelik(Student), 2016
Kök F. N., Ağrı kesici salımı yapan yara örtüleri hazırlanması ve karakterizasyonu, Postgraduate, B.Şen(Student), 2016
Kök F. N., Sinir hücrelerine özgü hata durumlarında sinir nanoağlar için haberleşme protokolleri, Doctorate, H.Tezcan(Student), 2016
Kök F. N., Sert doku biyomalzeme yüzey özelliklerinin geliştirilmesi, Postgraduate, O.Mazmanoğlu(Student), 2014
Kök F. N., Nanodesenli yapıların doku mühendisliğinde kullanımı, Doctorate, S.Önder(Student), 2013
Kök F. N., Biyobozunur polimerlerin doku mühendisliğinde kullanımı, Doctorate, P.Selcan(Student), 2013
Kök F. N., Koaservasyon Mikroorganizmalarda Canlılık Korunumunun Arttırılması, Postgraduate, Z.Gülsünoğlu(Student),

2013
Kök F. N., Zar Proteini tabanlı in vitro yöntemler, Doctorate, F.İnci(Student), 2013
Kök F. N., Oksijen deteksiyonu temelli lakkaz biyosensörleri yapımı, Postgraduate, K.Bilir(Student), 2012
Kök F. N., Gıda aromalarının koaservasyon yolu ile enkapsülasyonu, Postgraduate, P.Merve(Student), 2012
Kök F. N., Değişik fosfolipit içeriğinin yüzeye bağlı yapay lipit membran modelinin oluşumu üzerindeki etkisi, Postgraduate, B.Türken(Student), 2012
Kök F. N., Tiyollü lipidlerle oluşturulan yüzey destekli lipit katmanlar, Postgraduate, A.Kılıç(Student), 2012
Kök F. N., Statinlerin p-Glikoproteinlerle Etkileşimlerinin Moleküler Dinamik Simülasyonu, Postgraduate, D.Karasu(Student), 2011
Kök F. N., Lakkaz Enziminin PTFE Membranlara Çeşitli Yöntemlerle Tutuklanması, Postgraduate, E.Taştan(Student), 2010
Kök F. N., pH ve Sıcaklığa Duyarlı, Nanobiyomateryallerin Kıkırdak Doku Mühendisliğinde Kullanımı, Postgraduate, A.Burcu(Student), 2009
Kök F. N., PTFE Yüzeylere Kan Uyumluluğunun Arttırılması İçin Hirudin Tutuklanması, Postgraduate, S.Önder(Student), 2009

Jury Memberships

Competition, Bayer Liselerarası Bilim Yarışması, Bayer İlaç, May, 2017
Competition, Bayer Liselerarası Bilim Yarışması, Bayer İlaç, May, 2016
Award, Türkiye Bilimler Akademisi Üstün Başarılı Genç Bilim İnsanlarını Ödüllendirme Programı , TÜBA, April, 2016
Competition, Ortaöğretim Öğrencileri Proje Yarışması, TÜBİTAK, May, 2014
Competition, Bu Benim Eserim, Milli Eğitim Bakanlığı, February, 2014
Competition, Ortaöğretim Öğrencileri Proje Yarışması, TÜBİTAK, May, 2013
Competition, Ortaöğretim Öğrencileri Proje Yarışması, TÜBİTAK, May, 2012
Competition, BEST Mühendislik yarışması, Board of European Students o Technology (BEST), August, 2011
Competition, 1. İstanbul Bilim Olimpiyatları, TC İstanbul Valiliği, İl Milli Eğitim Müdürlüğü, April, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Detection of cholera toxin with surface plasmon field-enhanced fluorescent spectroscopy**
Seherler S., Bozdogan A., Özal Ildeniz T. A., Kök F. N., Sakir I. A.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.69, no.4, pp.1557-1566, 2022 (SCI-Expanded)

II. **Evaluation of natural gum-based cryogels for soft tissue engineering**
Bektas E. I., Gürel Peközer G., Kök F. N., Köse G.
CARBOHYDRATE POLYMERS, vol.271, 2021 (SCI-Expanded)

III. **Application potential of three-dimensional silk fibroin scaffold using mesenchymal stem cells for cardiac regeneration**
Cetin Y., Sahin M. G., Kök F. N.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.36, no.4, pp.740-753, 2021 (SCI-Expanded)

IV. **Assessment of bone healing using (Ti,Mg)N thin film coated plates and screws: Rabbit femur model**
Sabouni K., Öztürk Y., Kaçar E., Mutlu H. S., Solakoğlu S., Kose G. T., Kök F. N., Kazmanlı M. K., Urgen K. M., Önder S.
Journal of Biomedical Materials Research - Part B Applied Biomaterials, vol.109, pp.227-237, 2021 (SCI-Expanded)

V. **A functional coating to enhance antibacterial and bioactivity properties of titanium implants and its performance in vitro**
Doymus B., Kerem G., Yazgan Karatas A., Kök F. N., ÖNDER S.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.35, no.6, pp.655-669, 2021 (SCI-Expanded)

VI. **Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity**
Esenturk I., Gumrukcu S., Sert A. B., Kök F. N., DÖŞLER S., GÜNGÖR S., ERDAL M., Sarac A. S.

INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.70, no.9, pp.605-622, 2021 (SCI-Expanded)

VII. **A multifunctional long-term release system for treatment of hypothyroidism**
Kaya C. K., Gumrukcu S., Sarac A. S., Kök F. N.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.108, pp.760-769, 2020 (SCI-Expanded)

VIII. **Construction of a sandwich-type wound dressing with pain-reliever and pH-responsive antibiotic delivery system**
Ozdabak-Sert A. B., Sen B., Kök F. N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, 2019 (SCI-Expanded)

IX. **Lactate detection by colorimetric measurement in real human sweat by microfluidic-based biosensor on flexible substrate**
Kusbaz A., Göcek İ., Baysal G., Kök F. N., Trabzon L., Kızıl H., Karagüzel Kayaoğlu B.
JOURNAL OF THE TEXTILE INSTITUTE, vol.110, pp.1725-1732, 2019 (SCI-Expanded)

X. **Characterization of aquaporin Z-incorporated proteoliposomes with QCM-D**
Sengur-Tasdemır R., Kılıç A., Tutuncu H. E., Ergon-Can T., Gul-Karaguler N., Ates-Gencelı E., Kök F. N., Koyuncu İ.
SURFACE INNOVATIONS, vol.7, no.2, pp.133-142, 2019 (SCI-Expanded)

XI. **Peptide-functionalized supported lipid bilayers to construct cell membrane mimicking interfaces**
Kılıç A., Kök F. N.
Colloids and Surfaces B: Biointerfaces, vol.176, pp.18-26, 2019 (SCI-Expanded)

XII. **Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers**
Gokce Z. G., Akalin P., Kök F. N., Sarac A. S.
SENSORS AND ACTUATORS B-CHEMICAL, vol.254, pp.719-726, 2018 (SCI-Expanded)

XIII. **Magnesium doping on TiN coatings affects mesenchymal stem cell differentiation and proliferation positively in a dose-dependent manner**
ÖNDER S., Calikoglu-Koyuncu A. C., Kazmanli K., Urgen M. K., Kök F. N., Torun-Kose G.
BIO-MEDICAL MATERIALS AND ENGINEERING, vol.29, no.4, pp.427-438, 2018 (SCI-Expanded)

XIV. **Role of STRO-1 sorting of porcine dental germ stem cells in dental stem cell-mediated bone tissue engineering**
Pekozer G. G., Ramazanoglu M., Schlegel K. A., Kök F. N., Köse G.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, pp.607-618, 2018 (SCI-Expanded)

XV. **Quartz crystal microbalance with dissipation as a biosensing platform to evaluate cell-surface interactions of osteoblast cells**
Kılıç A., Kök F. N.
BIOINTERPHASES, vol.13, 2018 (SCI-Expanded)

XVI. **The effect of thiolated phospholipids on formation of supported lipid bilayers on gold substrates investigated by surface-sensitive methods**
Kılıç A., Jadidi M. F., Özer H. Ö., Kök F. N.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.160, pp.117-125, 2017 (SCI-Expanded)

XVII. **Effect of Magnesium and Osteoblast Cell Presence on Hydroxyapatite Formation on (Ti,Mg)N Thin Film Coatings**
Onder S., Calikoglu-Koyuncu A. C., Kose G. T., Kazmanli K., Kök F. N., Urgen M. K.
JOM, vol.69, pp.1195-1205, 2017 (SCI-Expanded)

XVIII. **An in vitro human skeletal muscle model: coculture of myotubes, neuron-like cells, and the capillary network**
ERTAN A. B., Kenar H., Beyzadeoglu T., Kök F. N., Kose G. T.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.3, pp.514-525, 2017 (SCI-Expanded)

XIX. **In vitro evaluation of PLLA/PBS sponges as a promising biodegradable scaffold for neural tissue engineering**
Kanneci Altinisik I. A., Kök F. N., Yucel D., Torun Kose G.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.5, pp.734-747, 2017 (SCI-Expanded)

XX. **Biomimetic lipid bilayers on solid surfaces: models for biological interactions**

Kılıç A., KOK F. N.
SURFACE INNOVATIONS, vol.4, no.3, pp.141-157, 2016 (SCI-Expanded)

XXI. **Construction of an oxygen detection-based optic laccase biosensor for polyphenolic compound detection**
Bilir K., Weıl M., Lochead J., Kök F. N., Werner T.
TURKISH JOURNAL OF BIOLOGY, vol.40, pp.1303-1310, 2016 (SCI-Expanded)

XXII. **Behavior of mammalian cells on magnesium substituted bare and hydroxyapatite deposited (Ti, Mg) N coatings**
Onder S., Calikoglu-Koyuncu A. C., Kazmanlı K., Urgen M. K., Kose G. T., Kok F. N.
NEW BIOTECHNOLOGY, vol.32, pp.747-755, 2015 (SCI-Expanded)

XXIII. **Employing TDMA Protocol in Neural Nanonetworks in Case of Neuron Specific Faults**
Tezcan H., Oktuğ S. F., Kok F. N.
IEEE TRANSACTIONS ON NANOBIOSCIENCE, vol.14, pp.572-580, 2015 (SCI-Expanded)

XXIV. **Design and fabrication of a new nonwoven-textile based platform for biosensor construction**
Baysal G., Onder S., Gocek İ., Trabzon L., Kızıl H., Kok F. N., Kayaoglu B.
SENSORS AND ACTUATORS B-CHEMICAL, vol.208, pp.475-484, 2015 (SCI-Expanded)

XXV. **Microfluidic device on a nonwoven fabric: A potential biosensor for lactate detection**
Baysal G., Onder S., Gocek İ., Trabzon L., Kızıl H., Kok F. N., Kayaoglu B.
TEXTILE RESEARCH JOURNAL, vol.84, pp.1729-1741, 2014 (SCI-Expanded)

XXVI. **Osteoblast cell proliferation on magnesium-substituted hydroxyapatite (Mg-HA) coatings**
Kök F. N., Onder S., Calikoglu A. C., Kazmanli K., Urgen M. K., KÖSE G.
NEW BIOTECHNOLOGY, vol.31, 2014 (SCI-Expanded)

XXVII. **Incorporation of growth factor loaded microspheres into polymeric electrospun nanofibers for tissue engineering applications**
Gungor-Ozkerim P. S., Balkan T., Kose G. T., Sarac A. S., Kök F. N.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.102, pp.1897-1908, 2014 (SCI-Expanded)

XXVIII. **Magnesium substituted hydroxyapatite formation on (Ti,Mg)N coatings produced by cathodic arc PVD technique**
Onder S., Kok F. N., Kazmanlı K., Urgen M. K.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, pp.4337-4342, 2013 (SCI-Expanded)

XXIX. **Effect of double growth factor release on cartilage tissue engineering**
Ertan A. B., Yilgor P., Bayyurt B., Calikoglu A. C., Kaspar C., Kök F. N., Kose G. T., Hasirci V.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.7, no.2, pp.149-160, 2013 (SCI-Expanded)

XXX. **Polyblend nanofibers as tissue engineering matrices**
Gungor P. S., Balkan T., Köse G., Sarac A. S., Kök F. N.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

XXXI. **Encapsulation of food flavors using a natural crosslinking agent**
Buldur P. M., Kök F. N.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

XXXII. **Development of optical laccase-based biosensors for phenolic compound detection**
Bilir K., Weil M., Lochead J., Kök F. N., Werner T.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

XXXIII. **Immobilization of laccase on polymer grafted polytetrafluoroethylene membranes for biosensor construction**
Tastan E., Onder S., Kök F. N.
TALANTA, vol.84, pp.524-530, 2011 (SCI-Expanded)

XXXIV. **Alteration of PTFE Surface to Increase Its Blood Compatibility**
Onder S., Kazmanli K., Kok F. N.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.22, pp.1443-1457, 2011 (SCI-Expanded)

XXXV. **Incorporation of integrins into artificial planar lipid membranes: characterization by plasmon-**

enhanced fluorescence spectroscopy
Sinner E., REUNING U., Kok F. N., SACCA B., MORODER L., KNOLL W., OESTERHELT D.
ANALYTICAL BIOCHEMISTRY, vol.333, no.2, pp.216-224, 2004 (SCI-Expanded)

XXXVI. **Determination of binary pesticide mixtures by an acetylcholinesterase-choline oxidase biosensor**
Kok F. N., Hasirci V.
BIOSENSORS & BIOELECTRONICS, vol.19, no.7, pp.661-665, 2004 (SCI-Expanded)

XXXVII. **Construction of an acetylcholinesterase-choline oxidase biosensor for aldicarb determination**
Kök F. N., Bozoglu F., Hasirci V.
BIOSENSORS & BIOELECTRONICS, vol.17, pp.531-539, 2002 (SCI-Expanded)

XXXVIII. **Immobilization of acetylcholinesterase and choline oxidase in/on pHEMA membrane for biosensor construction**
Kok F. N., BOZOGLU F., Hasirci V.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.12, no.11, pp.1161-1176, 2001 (SCI-Expanded)

XXXIX. **Controlled release of aldicarb from carboxymethyl cellulose microspheres: in vitro and field applications**
Kök F. N., Arica M., Gencer O., Abak K., Hasirci V.
PESTICIDE SCIENCE, vol.55, no.12, pp.1194-1202, 1999 (SCI-Expanded)

XL. **Controlled release of aldicarb from lignin loaded ionotropic hydrogel microspheres**
Kök F. N., Wilkins R., Cain R., Arica M., Alaeddinoglu G., Hasirci V.
JOURNAL OF MICROENCAPSULATION, vol.16, no.5, pp.613-623, 1999 (SCI-Expanded)

XLI. **Biodegradation of aldicarb in a packed-bed reactor by immobilized Methylosinus**
Kok F. N., ARICA M., HALICIGIL C., ALAEDDINOGLU G., Hasirci V.
ENZYME AND MICROBIAL TECHNOLOGY, vol.24, pp.291-296, 1999 (SCI-Expanded)

XLII. **Controlled release of Aldicarb from carboxymethylcellulose microcapsules**
Arica M., Yigitoglu M., Lale M., Kök F. N., Hasirci V.
TURKISH JOURNAL OF CHEMISTRY, vol.21, no.2, pp.100-104, 1997 (SCI-Expanded)

Articles Published in Other Journals

I. **Construction of P-glycoprotein incorporated tethered lipid bilayer membranes**
İnci F., Çelik U., Türken B., Özer H. Ö., Kök F. N.
Biochemistry and Biophysics Reports, vol.2, pp.115-122, 2015 (Scopus)

II. **Microfludic Nonwoven Based Device as a Potential Biosensor for Sweat Analysis**
Baysal G., Kök F. N., Trabzon L., Kizil H., Göcek I., Karagüzel Kayaoğlu B.
Applied Mechanics and Materials, vol.490, no.490-491, pp.274-279, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Biomimetic Lipid Membranes: Fundamentals, Applications, and Commercialization**
Kök F. N. (Editor), Yildiz A. A. (Editor), Inci F. (Editor)
Springer, London/Berlin , İstanbul, 2019

Refereed Congress / Symposium Publications in Proceedings

I. **Broadband Microwave Dielectric Property Comparison of Human Fetal Osteoblastic (hFOB) and Osteosarcoma (SaOS-2) Cell Lines**
Macit Z., Aydinalp C., Yılmaz Abdolsaheb T., Özdabak Sert A. B., Kök F. N.
14th European Conference on Antennas and Propagation (EuCAP), Copenhagen, Denmark, 15 - 20 March 2020

II. **Microwave Dielectric properties of Osteosarcoma Cell Line (SAOS-2) Suspensions**
macit z., AYDINALP C., ÖZDABAK SERT A. B., KÖK F. N., YILMAZ ABDOLSAHEB T.
ICECOM 2019 - 23rd International Conference on Applied Electromagnetics and Communications, Dubrovnik, Croatia, 30 September - 02 October 2019

III. **Real-time and label-free evaluation of cell – surface interactions**
KILIÇ A., KÖK F. N.
7th International Congress of the Molecular Biology Association of Turkey, Turkey, 27 September 2019

IV. **Magnesium Modified TiN Coatings in Hard Tissue Repair**
ÖNDER S., KAZMANLI M. K., KÖSE G., KÖK F. N., ÜRGEN M. K.
The 2nd INternational Conference on Bioinformatics, Biotechnology,and Biomedical Engineering, 12 - 13 September 2019

V. **Yapılandırılmış Yağların Mcf-7 Kanser Hücresi Üzerindeki Antiproliferatif Etkisi**
ŞAHİN YEŞİLÇUBUK N., KÖK F. N., Kılıç A., Yüksel Bilsel A.
YABİTED IV. Bitkisel Yağ Kongresi, Turkey, 18 - 19 April 2019, pp.45

VI. **Yapılandırılmış Yağların MCF-7 Kanser Hücresi Üzerindeki Antiproliferatif Etkisi**
YÜKSEL BİLSEL A., KILIÇ A., KÖK F. N., ŞAHİN YEŞİLÇUBUK N.
YABİTED IV. Bitkisel Yağ Kongresi, İstanbul, Turkey, 17 April 2019

VII. **Fonksiyonel Nanoparçacıkların Geliştirilmesi**
ZENGİN E., ÖNDER S., KÖK F. N., ALVEROĞLU DURUCU E.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Turkey, 15 - 16 December 2018

VIII. **Memeli hücrelerinin değişik yüzeylerle etkileşimlerinin kuvars kristal mikroterazi ile incelenmesi**
Kılıç A., Kök F. N.
23.Biyomedikal Bilim ve Teknoloji Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018

IX. **Interaction of mammalian cells with functionalized biomimetic lipid bilayers**
Kılıç A., Kök F. N.
14th Nanoscience and Nanotechnology Conferance, İzmir, Turkey, 22 - 25 September 2018

X. **Surface Plasmon Florescence Spectroscopy Based Biosensor for Cholera Toxin Detection**
Bozdogan A., Seherler S., Ildeniz T. A. O., ANAÇ İ., Kok F. N.
21st National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 24 November - 26 December 2017

XI. **Molecular Modelling in Biosensor Desgin for Cholera Toxin Detection**
Cinaroglu S., ANAÇ İ., Kök F. N., ÖZAL İLDENİZ T. A.
21st National Biomedical Engineering Meeting (BIYOMUT), İstanbul, Turkey, 24 November - 26 December 2017

XII. **Detection of bacterial toxins via surface plasmon resonance with florescence spectroscopy based biosensor**
Seherler Ş., BOZDOĞAN A., ÖZAL İLDENİZ T. A., ANAÇ İ., KÖK F. N.
Malta VIII Frontiers of Science and Education in the Middle East, Malta, 10 - 15 December 2017

XIII. **Colloidal properties and interactions of chitosan coated SPIONs with liposome layer investigated by QCM-D technique for targeted drug delivery**
Kuşbaz A., İŞÇİ TURUTOĞLU S., KÖK F. N.
5th International Bau Drug Design Congress, Turkey, 19 - 21 October 2017

XIV. **PVA coated SPIONs with liposome layer by QCM-D as targeted drug delivery agents**
Kuşbaz A., İŞÇİ TURUTOĞLU S., KÖK F. N.
5th International Bahçeşehir University (BAU) Drug Design Congress, Turkey, 19 - 21 October 2017

XV. **Modification of TiN coatings to increase the osteointegration of hard tissue implants**
ÖNDER S., Çalıkoğlu A. C., KÖSE G., Kazmanlı M. K., Ürgen M. K., Kök F. N.
The East-West Asia Biomaterials Symposium, Taoyuan, Taiwan, 23 - 26 August 2017, pp.1

XVI. **Real-time measurement of cell adhesion on model protein-coated surfaces**
Kılıç A., Kök F. N.
The East-West Asia Biomaterials Symposium, Taoyuan, Taiwan, 23 - 26 August 2017, pp.1

XVII. **Application of human adipose derived mesenchymal stem cells on silk fibroin scaffolds for cardiac tissue engineering**

Çetin Y., Şahin M., Kök F. N.
The East-West Asia Biomaterials Symposium, Taoyuan, Taiwan, 23 - 26 August 2017, pp.1

XVIII. **Potential application of PLLA:PBS sponges in neural tissue engineering**
Kanneci-Altınışık İ., Yücel D., Kök F. N., KOSE G. T.
22nd Biomedical Science and Technology Symposium, Ankara, Turkey, 12 May - 14 June 2017, pp.1

XIX. **Cardiomyocyte Differentiation of Human Adipose-Derived Mesenchymal Stem Cells on Silk Fibroin Scaffolds**
Şahin M., Kök F. N., Çetin Y.
22nd Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017, pp.1

XX. **New Biosensing Platform Using Biomimetic Cell Membranes on Electrospun Conductive Nanofiber Mats**
Seherler Ş., Gökçe Z., Kök F. N., SARAC A. S.
22nd Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017, pp.1

XXI. **Cardiac Tissue Regeneration with human adipose-derived mesenchymal stem cells on 3D silk fibroin scaffolds**
Çetin Y., Şahin M. G., KÖK F. N.
TIPTA İNOVASYON BULUŞMALARI 3, 11 - 13 May 2017

XXII. **The Effect of Negatively Charged Phospholipid on Liposome Behavior**
KILIÇ A., Güney E., KÖK F. N.
22nd Biomedical Science and Technology Symposium, Turkey, 12 - 14 May 2017

XXIII. **QCM-D as a Biosensing Platform to Evaluate Cell – Surface Interactions of Model Cancerous and Healthy Cells**
KILIÇ A., Ustunel S., KÖK F. N.
22nd Biomedical Science and Technology Symposium, Turkey, 12 - 14 May 2017

XXIV. **APPLICATION OF HUMAN ADIPOSE DERIVED MESENCHYMAL STEM CELLS ON 3D SILK FIBROIN SCAFFOLDS FOR CARDIAC TISSUE ENGINERING**
Çetin Y., Şahin M. G., KÖK F. N.
6.kök hücre sempozyumu, Turkey, 5 - 06 May 2017

XXV. **Hızlı ve hassas bakteri tanısında iletken nanopolimer tabanlı DNA biyosensörü**
Akalın P., Güler Z., KÖK F. N., SARAÇ A. S., Uludağ Y.
XXXVII.Türk Mikrobiyoloji Kongresi, Turkey, 16 - 20 November 2016

XXVI. **Analysis of the stability of supported lipid bilayers for cell culture studies**
Kılıç A., Çelebi G., Kök F. N.
41st FEBS Congress, Molecular and Systems Biology for a Better Life, Ephesus/Kuşadasi, Turkey, İzmir, Turkey, 3 - 08 September 2016

XXVII. **Magnesium Doping in Titanium Nitride Coatings to Increase the Osteointegration of Hard Tissue Implants**
ÖNDER S., CALIKOGLU-KOYUNCU A. C., Kazmanlı M. K., Ürgen M. K., Kök F. N., KÖSE G.
21st Biomedical Science and Technology Symposium, Antalya, Turkey, 22 - 24 October 2015, pp.1

XXVIII. **Construction and Characterization of Supported Lipid Membranes to mimic Cell-Surface Interactions**
KILIÇ A., Majid F J., Uluca A., ÖZER H. Ö., KÖK F. N.
BIOMED 2015 The 21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015

XXIX. **Detection of Liposome Stability with Quartz Crystal Microbalance with Dissipation (QCM-D) Analysis**
KILIÇ A., Bozkurt D., Ekin Y., KÖK F. N.
BIOMED 2015 The 21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015

XXX. **pH Responsive Delivery of Antibiotics for Wound Dressing Applications**
ÖZDABAK A. B., Şen B., AKARSUBAŞI A. T., KÖK F. N.
21st International Biomedical Science and Technology Symposium, 22 - 24 September 2015

XXXI. **Design of a Wound Dressing System for Effective Pain Relief**
Şen B., ÖZDABAK A. B., KÖK F. N.
21st International Biomedical Science and Technology Symposium, 22 - 24 September 2015

XXXII. **Construction of a Functional Bone Implant to Direct the Biomineralization Process**
Özcan İ., Kazmanlı M. K., Kök F. N.
European Society of Biomaterials (ESB2015), Krakow, Poland, 30 August - 03 September 2015, pp.1

XXXIII. **Design of a Functional Degradable Wound Dressing System For Effective Pain Relief**
Şen B., Özdabak Sert A. B., Kök F. N.
European Society of Biomaterials (ESB2015), Krakow, Poland, 30 August - 03 September 2015, pp.1

XXXIV. **Design of a Functional Degradable Wound Dressing for Acute Injuries**
Özdabak Sert A. B., Şen B., Akarsubaşı A., Kök F. N.
European Society of Biomaterials (ESB2015), Krakow, Poland, 30 August - 03 September 2015, pp.1

XXXV. **Constructiona of a functional bone implant to direct the mineralization process**
Özcan İ., KAZMANLI M. K., KÖK F. N.
27th European Conferance on Biomaterials, 30 August - 03 September 2015

XXXVI. **Biyomalzeme yüzeylerinin modifikasyonu**
KÖK F. N.
Tıp Teknolojileri Ulusal Kongresi, Turkey, 25 - 27 September 2014

XXXVII. **Double Layer Nanofiber Sandwich System in Effective Delivery of Growth Factors for Osteogenic Differentiation**
GUNGOR-OZKERIM P. S., Bektaş E., SARAC A. S., KÖSE G., Kök F. N.
26th European Society of Biomaterials (ESB2014), Liverpool, United Kingdom, 31 August - 03 September 2014, pp.1

XXXVIII. **Modification of Magnesium Coated Titanium Surfaces to Control Its Corrosion Rate**
Mazmanoğlu O., ÖNDER S., Kök F. N., Kazmanlı M. K., Ürgen M. K.
26th European Society of Biomaterials (ESB2014), Liverpool, United Kingdom, 31 August - 03 September 2014, pp.1

XXXIX. **Osteoblast Cell Proliferation on Magnesium-Substituted Hydroxyapatite (Mg-HA) Coatings**
Kök F. N., ÖNDER S., Çalıkoğlu A. C., Kazmanlı M. K., Ürgen M. K., KÖSE G.
16th European Congress on Biotechnology, Edinburg, United Kingdom, 13 - 16 July 2014, pp.52-53

XL. **Terden laktat analizi için tekstil tabanlı biyosensör tasarımı**
Baysal G., Önder S., Kök F. N., Trabzon L., Kızıl H., Göcek İ., Karagüzel Kayaoğlu B.
Birinci Ulusal Biyosensör Kongresi, Tekirdağ, Turkey, 22 - 26 June 2014, pp.18

XLI. **Analyte Detection on A Nonwoven Substrate Through Enzyme Immobilization**
Baysal G., Önder S., Göcek İ., Kök F. N., Trabzon L., Kızıl H., Karagüzel Kayaoğlu B.
14th AUTEX World Textile Conference, Bursa, Turkey, 26 - 28 May 2014, pp.1-7

XLII. **The Effect of Complex Coacervation Technique on The Viability of Lactobacillus acidophilus LA5 and Saccharomyces cerevisiae CEN PK 113-70**
Gülsünoğlu Z., Kök F. N., Aran N.
3rd International Conference on Food Digestion, Wageningen, Netherlands, 11 - 13 March 2014, pp.1

XLIII. **The Effect of Complex Coacervation Technique on The Viability of Lactobacillus acidophilus LA5 and Saccharomyces cerevisiae CEN PK 113 703rd**
GÜLSÜNOĞLU Z., KÖK F. N., Aran N.
International Conference on Food Digestion, 11 - 13 March 2014

XLIV. **Statistical Multiplexing for Neural Nanonetworks in case of Neuron Specific Faults**
Tezcan H., Oktug S. F., Kök F. N.
6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT), St Petersburg, Russia, 6 - 08 October 2014, pp.254-259

XLV. **Fabrication of a Textile-Based Platform for Rapid Analyte Detection**
ONDER S., Kök F. N., Trabzon L., Kızıl H., KAYAOGLU B. K., Göcek İ.
2nd International Conference on Mechanical Design and Power Engineering (ICMDPE 2013), Beijing, China, 29 - 30 November 2013, vol.490-491, pp.1611-1612

XLVI. **Fabrication of a Textile-Based Platform for Rapid Analyte Detection**
Önder S., Kök F. N., Trabzon L., Karagüzel Kayaoğlu B., Kızıl H., Göcek İ.

2013 4th International Conference on Nanotechnology and Biosensors (ICNB 2013), Paris, France, 20 - 21 December 2013, pp.1-12

XLVII. **Microfluidic Nonwoven-Based Device as a Potential Biosensor for Sweat Analysis**
Baysal G., Kök F. N., Trabzon L., Kızıl H., Göcek İ., Karagüzel Kayaoğlu B.
2013 4th International Conference on Nanotechnology and Biosensors (ICNB 2013) , Paris, France, 20 - 21 December 2013, pp.1-12

XLVIII. **Microfluidic Nonwoven-Based Device as a Potential Biosensor for Sweat Analysis**
BAYSAL G., Kök F. N., Trabzon L., Kızıl H., Göcek İ., KAYAOGLU B. K.
2nd International Conference on Mechanical Design and Power Engineering (ICMDPE 2013), Beijing, China, 29 - 30 November 2013, pp.274-276

XLIX. **Microfludic NonWoven Based Device as a Potential Biosensor for Sweat Analysis**
Gülçin B., Kök F. N., Trabzon L., Karagüzel Kayaoğlu B., Kızıl H., Göcek İ.
2nd Internatıonal Conference on Mechanical Design and Power Engineering Conference, Beijing, China, 29 - 30 November 2013

L. **Characterization of (Ti,Mg)N Thin Film Coatings Produced via Physical Vapor Deposition**
ÖNDER S., KÖSE G., Kök F. N., Kazmanlı M. K., Ürgen M. K.
TMS 2013 142nd Annual Meeting & Exhibition, Biological Materials Science Symposium, San Antonio, United States Of America, 3 - 07 March 2013, pp.1

LI. **Polyblend nanofibers as tissue engineering matrices, 15th European Congress in Biotechnology**
GUNGOR-OZKERIM P. S., Balkan T., KÖSE G., Saraç S., Kök F. N.
15th European Congress in Biotechnology, İstanbul, Turkey, 1 - 05 September 2012, pp.112

LII. **Development of optical laccase-based biosensors for phenolic compound detection**
BILIR K., WEIL M., LOCHEAD J., Kök F. N., WERNER T.
15th European Congress in Biotechnology, İstanbul, Turkey, 1 - 04 September 2012, pp.180

LIII. **Integration of microspheres to polymeric nanofibers for tissue engineering applications**
GUNGOR-OZKERIM P. S., Balkan T., KÖSE G., Saraç S., Kök F. N.
The fourth International NanoBio Conferance, Seattle, United States Of America, 23 - 26 July 2012, pp.1

LIV. **Characterization of Au (111) Supported Artificial Lipid Membranes in the Study of Cell Membrane Related Proteins by nc-AFM**
ÇELİK Ü., KILIÇ A., KÖK F. N., ÖZER H. Ö., BAKAN F., ORAL A.
15th International Conference on non-Contact Atomic Force Microscopy, 1 - 05 July 2012

LV. **Neural Delay Lines for TDMA Based Molecular Communication in Neural Networks**
Tezcan H., Oktuğ S. F., Kök F. N.
IEEE International Conference on Communications (ICC), Ottawa, Canada, 10 - 15 June 2012, pp.6209-6213

LVI. **Integration of p-glycoprotein into artificial membranes and its interaction with drugs**
İnci F., Türken B., Çelik Ü., Özer H. Ö., Kök F. N.
BIOSENSORS2012, 22nd Anniversary World Congress on Biosensors, Cancun, Mexico, 15 - 18 May 2012, pp.1

LVII. **Construction of (Ti,Mg) thin film coatings via physical vapor deposition technique and their properties**
ÖNDER S., Kök F. N., Kazmanlı M. K., Ürgen M. K.
4th International Symposium: Interface Biology of Implants, Warnemünge, Germany, 09 May 0201 - 11 May 2012, pp.1

LVIII. **Use of artificial lipid membranes in the study of cell membrane related proteins**
İnci F., Türken B., Çelik Ü., Özer H. Ö., Kök F. N.
International Conference for Enzyme Science and Technology, Antalya, Turkey, 31 October - 04 November 2011, pp.16

LIX. **Investigating of interactions between statin-based cholesterol lowering drugs with p-glycoprotein membrane protein by molecular modeling**
Karasu D., Kök F. N., Selçuki C.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, pp.124

LX. **Encapsulation of food flavors via coacervation method**

Buldur P., Kök F. N.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, pp.96

LXI. **Construction of an in vitro Drug-Protein Interaction Platform Using Artificial Lipid Bilayers**
İnci F., Çelik Ü., Özer H. Ö., Kök F. N.
24th European Conference on Biomaterials, Dublin, Ireland, 4 - 09 September 2011, pp.1

LXII. **Investigating of interactions between statin-based cholesterol lowering drugs with p-glycoprotein membrane protein by molecular modeling**
Karasu D., Kök F. N., SELÇUKİ C.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

LXIII. **Encapsulation of food flavors via coacervation method**
Buldur P. M., Kök F. N.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

LXIV. **The effect of liposome phospholipid content on the formation of tethered bilayer lipid membranes**
Türken B., İnci F., Kök F. N.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, pp.379

LXV. **Characterization of Tethered Bilayer Lipid Membranes by Quartz Crystal Microbalance-Dissipation (QCM-D)**
İnci F., Türken B., Kök F. N.
Biological Surfaces and Interfaces, Sant Feliu De Guixols, Spain, 4 - 07 June 2011, pp.1

LXVI. **The effect of liposome phospholipid content on the formation of tethered bilayer lipid membranes**
Turken B., Inci F., Kök F. N.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.379

LXVII. **A New Tethered Lipid Bilayer System for Membrane Protein Research**
İnci F., Türken B., Kök F. N.
The Third International NanoBio Conferance, Zürih, Switzerland, 24 - 27 August 2010, pp.1

LXVIII. **Construction of A Tethered Lipid Bilayer for Membrane Protein Research,**
İnci F., Kök F. N.
35th FEBS Congress Molecules of Life, Gothenburg, Sweden, 26 June - 01 July 2010, pp.241

LXIX. **Construction of a laccase biosensor for phenolic compound detection**
Taştan E., Kazmanlı M. K., Kök F. N.
Biosensors2010, Glaskov, United Kingdom, 26 - 28 May 2010, pp.1

Supported Projects

Kök F. N., Kutlu C., Project Supported by Higher Education Institutions, Hipotiroidi Tedavisinde Kullanılabilecek Çift Fonksiyonlu Polimerik Sistem Tasarımı, 2018 - 2019

Kök F. N., Zengin E., Alveroğlu Durucu E., Project Supported by Higher Education Institutions, Biyoaktif ajanların kontrollü salımı, 2017 - 2019

Kök F. N., Project Supported by Higher Education Institutions, SERT DOKU İMPLANTLARININ OSTEOENTEGRASYONUNUN ARTTIRILMASI İÇİN TİTANYUM NİTRÜR KAPLAMALARA MAGNEZYUM DOPLANMASI, 2015 - 2018

Kök F. N., Project Supported by Higher Education Institutions, Osteogenik Farklılaşmada Büyüme Faktörlerinin Etkili Kullanımı İçin İki Katmanlı Nanofiber Sandviç Sistem Tasarımı, 2014 - 2018

Kök F. N., Project Supported by Higher Education Institutions, Memeli Hücresi-Yüzey Etkileşimlerinin SPR ile Tespiti, 2012 - 2018

Kök F. N., Project Supported by Higher Education Institutions, Integration of P-Glycoprotein ınto Artifical Membranes and ıts ınteraction with drugs, 2012 - 2018

Kök F. N., Project Supported by Higher Education Institutions, Construction of an in vitro drupg protein ınteraction platform using artificial lipid bilayers, 2011 - 2018

Kök F. N., Project Supported by Higher Education Institutions, FENOLİK BİLEŞİKLERİN TAYİN İÇİN LAKKAZ

BİYOSENSÖRÜ YAPIMI, 2010 - 2018
Kök F. N., Project Supported by Higher Education Institutions, İpek fibroin ile oluşturulacak doku iskelelerinin performansının belirlenmesi, 2015 - 2017
Kök F. N., Project Supported by Higher Education Institutions, Biyomineralizasyonu tetikleyen biyobozunur bir kemik doku iskelesi/implantı tasarımı, 2015 - 2017
Kök F. N., Project Supported by Higher Education Institutions, Doğal polimerlerle hazırlanan doku iskelelerinin yapımı ve karakterizasyonu, 2016 - 2016
Kök F. N., Project Supported by Higher Education Institutions, pH'ya duyarlı antibiyotik salımı yapan yara örtüsü geliştirilmesi, 2015 - 2016
Kök F. N., Project Supported by Higher Education Institutions, Ağrı kesici salımı yapan değişik gözeneklilikte yara örtüleri hazırlanması ve karakterizasyonu, 2015 - 2016
Kök F. N., Project Supported by Higher Education Institutions, Nanodesenli Yapıların Doku Mühendisliğinde Kullanımı, 2011 - 2016
Kök F. N., Project Supported by Higher Education Institutions, Yapay Lipid Membranlar Hazırlanması ve Karakterizasyonu, 2010 - 2016
Kök F. N., Project Supported by Higher Education Institutions, Sert Doku Biyomalzeme Yüzey Özelliklerinin İyileştirilmesi, 2014 - 2015
Kök F. N., Project Supported by Higher Education Institutions, Koaservasyon Mikroorganizmalarda Canlılık Korunumunun Arttırılması, 2012 - 2013
Kök F. N., Project Supported by Higher Education Institutions, Aromaların Koaservasyon Yolu ile Enkapsülasyonu, 2011 - 2013
Kök F. N., Project Supported by Higher Education Institutions, Yapay Lipit Membranların Hücreler ile Etkileşimlerinin Araştırılması, 2010 - 2013
Kök F. N., Project Supported by Higher Education Institutions, Değişik Lipitlerin ve Kolesterolün Yapay Lipit Zarların Hazırlanmasına ve Özelliklerine Etkisi, 2010 - 2013
Kök F. N., Project Supported by Higher Education Institutions, Lakkaz Enziminin ptfe Membranlara Çeşitli Yöntemlerle Tutuklanması, 2008 - 2012
Kök F. N., Project Supported by Higher Education Institutions, Bir Membran Proteini Olan P-Glikoproteinin Statin Bazlı Kolestrol Düşürücü İlaçlarla Etkileşiminin Moleküler Modelleme Yoluyla İncelenmesi, 2010 - 2011

Memberships / Tasks in Scientific Organizations

Biyomalzeme ve Doku Mühendisliği Derneği, Member, 2010 - Continues
Biyoteknoloji Derneği, Member, 2007 - Continues
Yönetim Kurulu, Secretary General, 2011 - 2014

Scientific Refereeing

TUBITAK Project, July 2017
TUBITAK Project, June 2017
Nature Scientific Reports, SCI Journal, May 2017
TUBITAK Project, April 2017
TUBITAK Project, March 2017
TUBITAK Project, March 2017
TUBITAK Project, January 2017
Colloids and Surfaces: Biointerfaces, SCI Journal, August 2016
JOMJ, SCI Journal, December 2015
Talanta, SCI Journal, March 2015
Journal of the Royal Society Interface, SCI Journal, May 2013

Biosensors and Bioelectronics, SCI Journal, February 2013
AAPS Journal, SCI Journal, November 2012
Biosensors and Bioelectronics, SCI Journal, April 2012
Biosensors and Bioelectronics, SCI Journal, November 2011
AAPS Journal, SCI Journal, October 2011
Biosensors and Bioelectronics, SCI Journal, August 2011
Biosensors and Bioelectronics, SCI Journal, June 2011
AAPS Journal, SCI Journal, June 2011
Biosensors and Bioelectronics, SCI Journal, February 2011
Biosensors and Bioelectronics, SCI Journal, January 2011
Biosensors and Bioelectronics, SCI Journal, September 2010
Biosensors and Bioelectronics, SCI Journal, July 2010
Biosensors and Bioelectronics, SCI Journal, March 2010
AAPS Journal, SCI Journal, March 2010
AAPS Journal, SCI Journal, January 2010
AAPS Journal, SCI Journal, September 2009
AAPS Journal, SCI Journal, August 2009

Scientific Consultations

TUBITAK TEYDEP 1511, Project Consultancy, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, Turkey, 2013 - 2015

Metrics

Publication: 133
Citation (WoS): 589
Citation (Scopus): 690
H-Index (WoS): 13
H-Index (Scopus): 15

Congress and Symposium Activities

14th European Conference on Antennas and Propagation (EuCAP)„ Working Group, Kobenhavn, Denmark, 2020
ICECOM 2019 - 23rd International Conference on Applied Electromagnetics and Communications, Working Group, Dubrovnik, Croatia, 2019
The East-West Asia Biomaterials Symposium, Invited Speaker, Taoyuan, Taiwan, 2017
Tıp Teknolojileri Ulusal Kongresi TIPTEKNO14, Invited Speaker, Nevşehir, Turkey, 2014
24th European Conference on Biomaterials, Session Moderator, Dublin, Ireland, 2011

Scholarships

Humboldt Bursu, Official Institutions of Foreign Countries, 2002 - Continues

Non Academic Experience

Max-Planck Enstitüsü, Mainz