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## Education Information

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- I. Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biotechnology, Turkey 1994 - 2001
- II. Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biotechnology, Turkey 1991 - 1994
- III. Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, Turkey 1987 - 1991

## Research Areas

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Biomedical Engineering, Life Sciences, Biotechnology, Biomaterial, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

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- I. Professor, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2017 - Continues
- II. Associate Professor, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2010 - 2017
- III. Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2004 - 2010
- IV. Lecturer PhD, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, 2002 - 2003
- V. Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 1993 - 2001

## Academic and Administrative Experience

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- I. Manager of Research and Application Center, Middle East Technical University, Faculty of Engineering, Biyomalzeme Ve Doku Mühendisliği Araştırma Ve Uygulama Merkezi , 2016 - Continues
- II. Erasmus Coordinator, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2014 - Continues

## Advising Theses

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- I. TEZCANER A., Borate modified bioglass containing scaffolds for dental tissue engineering applications, Doctorate, R.MOONESI(Student), 2018
- II. TEZCANER A., Growth factor loaded silk fibroin/pegdma hydrogels for articular cartilage tissue engineering, Postgraduate, M.FATHI(Student), 2018

- III. TEZCANER A., Biopolymer modified polypropylene mesh for hernia treatment, Postgraduate, S.AKBABA(Student), 2018
- IV. TEZCANER A., KESKİN D., Development of clinoptilolite/poly  $\epsilon$ -caprolactone -polyethylene glycol - poly  $\epsilon$ -caprolactone triblock copolymer based scaffolds for bone tissue engineering, Postgraduate, A.ENGİN(Student), 2016
- V. TEZCANER A., Development of vascularized adipose tissue construct based on adipose tissue extracellular matrix and silk fibroin, Postgraduate, A.KAYABÖLEN(Student), 2015
- VI. TEZCANER A., Development of microcarrier systems for bone tissue engineering, Postgraduate, H.AYDOĞDU(Student), 2015
- VII. TEZCANER A., KESKİN D., Raloxifene delivery systems for osteoporosis treatment, Doctorate, A.KAVAS(Student), 2014
- VIII. TEZCANER A., KESKİN D., Development of a new targeted liposomal delivery system of doxorubicin modified with lymphoma cell specific antibody, Postgraduate, A.DENİZ(Student), 2014
- IX. TEZCANER A., DURUCAN C., Simvastatin loaded porous hydroxyapatite based microcarriers for bone tissue engineering /, Postgraduate, M.GÜLDİKEN(Student), 2014
- X. TEZCANER A., Cellulose-based electrospun scaffolds for tissue engineering applications, Postgraduate, D.HAZAL(Student), 2014
- XI. TEZCANER A., AKDAĞ A., Development and characterization of silk fibroin and citrus pectin based scaffolds for bone tissue engineering, Postgraduate, S.ATAOL(Student), 2014
- XII. TEZCANER A., Development of novel controlled release formulations of anti-TNF for rheumatoid arthritis and modeling of release behaviors, Doctorate, Ö.ERDEMLİ(Student), 2013
- XIII. TEZCANER A., Characterization of liposomal Celecoxib formulation as a drug delivery system in colorectal cancer cell lines, Doctorate, A.ERDOĞ(Student), 2012
- XIV. TEZCANER A., KESKİN D., In situ, in vitro and in vivo evaluation of effectiveness of new treatment approaches involving controlled drug delivery systems in cartilage degenerations, Doctorate, Ö.AYDIN(Student), 2011
- XV. TEZCANER A., Bone marrow targeted liposomal drug delivery systems, Postgraduate, M.BAKI(Student), 2011
- XVI. TEZCANER A., KESKİN D., Preparation of sericin based wound dressing and investigation of its biomaterial properties, Postgraduate, Ö.AKTÜRK(Student), 2009
- XVII. TEZCANER A., EVİS Z., Structural, mechanical, and biocompatibility investigations of yttrium and fluoride doped nano hydroxyapatite, Postgraduate, B.BAŞAR(Student), 2009
- XVIII. TEZCANER A., The effect of mechanical forces on adipogenic differentiation, Postgraduate, P.SHARAFİ(Student), 2008
- XIX. TEZCANER A., KESKİN D., Evaluation of effectiveness of different bioactive agents for treatment of osteoarthritis with in vitro model under dynamic mechanical stimulation, Postgraduate, A.KAVAS(Student), 2007
- XX. TEZCANER A., KESKİN D., Biocompatibility and biomechanical properties of new polycaprolactone-bioglass based bone implant materials, Postgraduate, Ö.ERDEMLİ(Student), 2007
- XXI. TEZCANER A., HASIRCI V. N. , Cornea engineering on biodegradable polyesters, Postgraduate, P.ZORLUTUNA(Student), 2005
- XXII. TEZCANER A., HASIRCI V. N. , Development of a genetic material transfer approach for gene therapy, Postgraduate, Ş.AYAZ(Student), 2005

## Jury Memberships

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- I. Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurulu, December, 2018
- II. Doctoral Examination, Mühendislik Bilimleri Doktora Yeterlik Komitesi, ODTÜ, December, 2018
- III. Appointment Academic Staff, Profesörlük dosyası değerlendirme, Hacettepe Üniversitesi, December, 2018
- IV. Associate Professor Exam, Doçentlik sınav jürisi, Üniversitelerarası Kurulu, December, 2018
- V. Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurulu, December, 2018
- VI. Award, Mustafa Parlar Ödül başvuru dosyası değerlendirme, ODTÜ PROF. DR. MUSTAFA N. PARLAR EĞİTİM VE

ARAŞTIRMA VAKFI , December, 2018

- VII. Associate Professor Exam, Doçentlik , Üniversitelerarası Kurul, September, 2018
- VIII. Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2018
- IX. Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2018
- X. Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2018

## Research Infrastructure Information

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- I. Tezcaner A., Biomaterials and Tissue Engineering Center of Excellence, September 2010

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

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- I. **Multilayer fibroin/chitosan oligosaccharide lactate and pullulan immunomodulatory patch for treatment of hernia and prevention of intraperitoneal adhesion**  
Akbaba S., Atila D., KESKİN D., Tezcaner T., TEZCANER A.  
Carbohydrate Polymers, vol.265, 2021 (Journal Indexed in SCI)
- II. **Biomechanical Evaluation of an Injectable Alginate / Dicalcium Phosphate Cement Composites for Bone Tissue Engineering**  
Alshemary A. Z. , Bilgin S., Işık G., Motameni A., TEZCANER A., EVİS Z.  
Journal of the Mechanical Behavior of Biomedical Materials, vol.118, 2021 (Journal Indexed in SCI)
- III. **Synthesis and sintering of B, Sr, Mg multi-doped hydroxyapatites: Structural, mechanical and biological characterization**  
YEDEKÇİ B., TEZCANER A., Alshemary A. Z. , Yılmaz B., DEMİR T., EVİS Z.  
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.115, 2021 (Journal Indexed in SCI)
- IV. **Boron-doped Biphasic Hydroxyapatite/beta-Tricalcium Phosphate for Bone Tissue Engineering**  
PAZARÇEVİREN A. E. , TEZCANER A., KESKİN D., Kolukisa S. T. , Surdem S., EVİS Z.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.3, pp.968-980, 2021 (Journal Indexed in SCI)
- V. **Topical delivery of heparin from PLGA nanoparticles entrapped in nanofibers of sericin/gelatin scaffolds for wound healing**  
Basaran D. D. A. , GÜNDÜZ U., TEZCANER A., KESKİN D.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.597, 2021 (Journal Indexed in SCI)
- VI. **Multifunctional natural polymer-based metallic implant surface modifications**  
PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.  
BIOINTERPHASES, vol.16, no.2, 2021 (Journal Indexed in SCI)
- VII. **PREPARATION AND CHARACTERISTICS OF CO-DOPED HYDROXYAPATITE BIOMIMETIC COATINGS ON PRETREATED Ti6Al4V ALLOY**  
Hacioglu T., TEZCANER A., Abbas S., EVİS Z.  
SURFACE REVIEW AND LETTERS, vol.27, no.11, 2020 (Journal Indexed in SCI)
- VIII. **Cellulose acetate-gelatin-coated boron-bioactive glass biocomposite scaffolds for bone tissue engineering**  
Rad R. M. , Alshemary A. Z. G. , Evis Z., Keskin D., Tezcaner A.  
BIOMEDICAL MATERIALS, vol.15, 2020 (Journal Indexed in SCI)
- IX. **A dual-phase scaffold produced by rotary jet spinning and electrospinning for tendon tissue engineering**  
Guner M. B. , Dalgıç A. D. , Tezcaner A., Yilanci S., Keskin D.  
BIOMEDICAL MATERIALS, vol.15, 2020 (Journal Indexed in SCI)
- X. **Dual growth factor delivery using PLGA nanoparticles in silk fibroin/PEGDMA hydrogels for articular cartilage tissue engineering**

Fathi-Achachelouei M., Keskin D., Bat E., Vrana N. E. , Tezcaner A.

JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.108, pp.2041-2062, 2020  
(Journal Indexed in SCI)

- XI. **Effects of surface pretreatments and coating period on hydroxyapatite coating of Ti6Al4V alloy**  
HACIOĞLU T., EVİS Z., TEZCANER A., AYDINOL M. K.  
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.56, no.2, pp.545-557, 2020 (Journal Indexed in SCI)
- XII. **Historical development of simulated body fluids used in biomedical applications: A review**  
Yilmaz B., PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.  
MICROCHEMICAL JOURNAL, vol.155, 2020 (Journal Indexed in SCI)
- XIII. **Synthesis and characterization of magnesium-lanthanum dual doped bioactive glasses**  
Jodati H., Guner B., Evis Z., Keskin D., Tezcaner A.  
CERAMICS INTERNATIONAL, vol.46, pp.10503-10511, 2020 (Journal Indexed in SCI)
- XIV. **A comparative study of monoaxial and coaxial PCL/gelatin/Pluronic 188 scaffolds for bone tissue engineering**  
Alissa Alam H., Dalgıç A. D. , Tezcaner A., Özen C., Keskin D.  
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.69, no.6, pp.339-350, 2020 (Journal Indexed in SCI)
- XV. **Multifunctional periodontal membrane for treatment and regeneration purposes**  
Isik G., HASIRCI N., TEZCANER A., KIZILTAY A.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.35, no.2, pp.117-138, 2020 (Journal Indexed in SCI)
- XVI. **Composite clinoptilolite/PCL-PEG-PCL scaffolds for bone regeneration: In vitro and in vivo evaluation**  
Pazarçeviren A. E. , Dikmen T., Altunbas K., Yaprakci V., Erdemli O., Keskin D., Tezcaner A.  
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.14, pp.3-15, 2020 (Journal Indexed in SCI)
- XVII. **Bacterial cellulose-reinforced boron-doped hydroxyapatite/gelatin scaffolds for bone tissue engineering**  
Atila D., Karataş A., Evcin A., Keskin D., Tezcaner A.  
CELLULOSE, vol.26, pp.9765-9785, 2019 (Journal Indexed in SCI)
- XVIII. **Nanocrystalline Zn<sup>2+</sup> and SO<sub>4</sub><sup>2-</sup> binary doped fluorohydroxyapatite: A novel biomaterial with enhanced osteoconductive and osteoinconductive properties**  
ALSHEMARY A. Z. G. , Pazarçeviren E. A. , DALGIÇ A. D. , Tezcaner A., KESKİN D., EVİS Z.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.104, 2019 (Journal Indexed in SCI)
- XIX. **Porous clinoptilolite-nano biphasic calcium phosphate scaffolds loaded with human dental pulp stem cells for load bearing orthopedic applications**  
Alshemary A. Z. G. , Pazarçeviren A. E. , Keskin D., Tezcaner A., Hussain R., Evis Z.  
BIOMEDICAL MATERIALS, vol.14, 2019 (Journal Indexed in SCI)
- XX. **Development of a novel functionally graded membrane containing boron-modified bioactive glass nanoparticles for guided bone regeneration**  
Rad R. M. , Atila D., Evis Z., Keskin D., Tezcaner A.  
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.13, pp.1331-1345, 2019 (Journal Indexed in SCI)
- XXI. **Evaluation of human dental pulp stem cells behavior on a novel nanobiocomposite scaffold prepared for regenerative endodontics**  
Rad R. M. , Atila D., Akgun E. E. , Evis Z., Keskin D., Tezcaner A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.100, pp.928-948, 2019 (Journal Indexed in SCI)
- XXII. **Diatom shell incorporated PHBV/PCL-pullulan co-electrospun scaffold for bone tissue engineering**  
Dalgıç A. D. , Atila D., Karataş A., Tezcaner A., Keskin D.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.100, pp.735-746, 2019

(Journal Indexed in SCI)

- XXIII. **Use of Nanoparticles in Tissue Engineering and Regenerative Medicine**  
Fathi-Achachelouei M., Knopf-Marques H., Ribeiro da Silva C. E. , Barthes J., BAT E., TEZCANER A., Vrana N. E.  
FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY, vol.7, 2019 (Journal Indexed in SCI)
- XXIV. **Resorbable PCEC/gelatin-bismuth doped bioglass-graphene oxide bilayer membranes for guided bone regeneration**  
Pazarçeviren A. E. , Evis Z., Keskin D., Tezcaner A.  
BIOMEDICAL MATERIALS, vol.14, 2019 (Journal Indexed in SCI)
- XXV. **A new therapeutic combination for osteosarcoma: Gemcitabine and Clofazimine co-loaded liposomal formulation**  
Caliskan Y., DALGIÇ A. D. , Gerecki S., Gulec E. A. , TEZCANER A., ÖZEN C., KESKİN D.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.557, pp.97-104, 2019 (Journal Indexed in SCI)
- XXVI. **In vitro performance of a nanobiocomposite scaffold containing boron-modified bioactive glass nanoparticles for dentin regeneration**  
Rad R. M. , Pazarçeviren E., Akguen E. E. , Evis Z., Keskin D., Sahin S., Tezcaner A.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.33, pp.834-853, 2019 (Journal Indexed in SCI)
- XXVII. **Fabrication of functionalized citrus pectin/silk fibroin scaffolds for skin tissue engineering**  
Türkkan S., Atila D., Akdağ A., Tezcaner A.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.106, pp.2625-2635, 2018 (Journal Indexed in SCI)
- XXVIII. **Structural and biological assessment of boron doped bioactive glass nanoparticles for dental tissue applications**  
Rad R. M. , Alshemary A. Z. G. , Evis Z., Keskin D., Altunbas K., Tezcaner A.  
CERAMICS INTERNATIONAL, vol.44, pp.9854-9864, 2018 (Journal Indexed in SCI)
- XXIX. **Silicate-doped nano-hydroxyapatite/graphene oxide composite reinforced fibrous scaffolds for bone tissue engineering**  
DALGIÇ A. D. , ALSHEMERY A. Z. G. , TEZCANER A., KESKİN D., EVİS Z.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.32, no.10, pp.1392-1405, 2018 (Journal Indexed in SCI)
- XXX. **Physico-chemical and biological properties of hydroxyapatite extracted from chicken beaks**  
ALSHEMERY A. Z. G. , AKRAM M., TAHA A., TEZCANER A., EVİS Z., HUSSAİN R.  
MATERIALS LETTERS, vol.215, pp.169-172, 2018 (Journal Indexed in SCI)
- XXXI. **Investigation of bismuth doped bioglass/graphene oxide nanocomposites for bone tissue engineering**  
PAZARÇEVİREN A. E. , TAHMASEBİFAR A., TEZCANER A., KESKİN D., EVİS Z.  
CERAMICS INTERNATIONAL, vol.44, no.4, pp.3791-3799, 2018 (Journal Indexed in SCI)
- XXXII. **Fe<sup>3+</sup>/SeO<sub>4</sub><sup>2-</sup> dual doped nano hydroxyapatite: A novel material for biomedical applications**  
ALSHEMERY A. Z. G. , PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.106, no.1, pp.340-352, 2018 (Journal Indexed in SCI)
- XXXIII. **Impact of B<sub>2</sub>O<sub>3</sub> and La<sub>2</sub>O<sub>3</sub> addition on structural, mechanical and biological properties of hydroxyapatite**  
KHOSHŞİMA S., ALSHEMERY A. Z. G. , TEZCANER A., SURDEM S., EVİS Z.  
PROCESSING AND APPLICATION OF CERAMICS, vol.12, no.2, pp.143-152, 2018 (Journal Indexed in SCI)
- XXXIV. **Nanosized CaP-silk fibroin-PCL-PEG-PCL/PCL based bilayer membranes for guided bone regeneration**  
Türkkan S., Pazarçeviren A. E. , Keskin D., Machin N. E. , Duygulu O., Tezcaner A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.80, pp.484-493, 2017 (Journal Indexed in SCI)
- XXXV. **Strontium doped hydroxyapatite biomimetic coatings on Ti6Al4V plates**  
AVCI M., YILMAZ B., TEZCANER A., EVİS Z.  
CERAMICS INTERNATIONAL, vol.43, no.12, pp.9431-9436, 2017 (Journal Indexed in SCI)

- XXXVI. **Native extracellular matrix/fibroin hydrogels for adipose tissue engineering with enhanced vascularization**  
Kayabolen A., Keskin D., Aykan A., Karslioglu Y., Zor F., Tezcaner A.  
BIOMEDICAL MATERIALS, vol.12, 2017 (Journal Indexed in SCI)
- XXXVII. **Maltodextrin modified liposomes for drug delivery through the blood-brain barrier**  
GURTURK Z., TEZCANER A., DALGIÇ A. D. , KORKMAZ S., KESKİN D.  
MEDCHEMCOMM, vol.8, no.6, pp.1337-1345, 2017 (Journal Indexed in SCI)
- XXXVIII. **Clinoptilolite/PCL-PEG-PCL composite scaffolds for bone tissue engineering applications**  
Pazarceviren E., Erdemli O., Keskin D., Tezcaner A.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.31, pp.1148-1168, 2017 (Journal Indexed in SCI)
- XXXIX. **Micelles As Delivery System for Cancer Treatment**  
Keskin D., Tezcaner A.  
CURRENT PHARMACEUTICAL DESIGN, vol.23, pp.5230-5241, 2017 (Journal Indexed in SCI)
- XL. **Half generations magnetic PAMAM dendrimers as an effective system for targeted gemcitabine delivery**  
PARSIAN M., MUTLU P., Yalcin S., TEZCANER A., GÜNDÜZ U.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.515, pp.104-113, 2016 (Journal Indexed in SCI)
- XLI. **Mechanical, electrochemical and biocompatibility evaluation of AZ91D magnesium alloy as a biomaterial**  
Tahmasebifar A., KAYHAN S. M. , EVİS Z., TEZCANER A., Cinici H., Koc M.  
JOURNAL OF ALLOYS AND COMPOUNDS, vol.687, pp.906-919, 2016 (Journal Indexed in SCI)
- XLII. **Crosslinked pullulan/cellulose acetate fibrous scaffolds for bone tissue engineering**  
Atila D., KESKİN D., TEZCANER A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.69, pp.1103-1115, 2016 (Journal Indexed in SCI)
- XLIII. **Structural, mechanical and biological properties of hydroxyapatite-zirconia-lanthanum oxide composites**  
Khoshsima S., Yilmaz B., TEZCANER A., EVİS Z.  
CERAMICS INTERNATIONAL, vol.42, no.14, pp.15773-15779, 2016 (Journal Indexed in SCI)
- XLIV. **Surface Characterization and Biocompatibility of Selenium-Doped Hydroxyapatite Coating on Titanium Alloy**  
Yilmaz B., EVİS Z., TEZCANER A., BANERJEE S.  
INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY, vol.13, no.6, pp.1059-1068, 2016 (Journal Indexed in SCI)
- XLV. **Raloxifene-/raloxifene-poly(ethylene glycol) conjugate-loaded microspheres: A novel strategy for drug delivery to bone forming cells**  
Kavas A., Keskin D., Altunbas K., Tezcaner A.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.510, pp.168-183, 2016 (Journal Indexed in SCI)
- XLVI. **Loading of Gemcitabine on chitosan magnetic nanoparticles increases the anti-cancer efficacy of the drug**  
PARSIAN M., UNSOY G., MUTLU P., Yalcin S., TEZCANER A., GÜNDÜZ U.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.784, pp.121-128, 2016 (Journal Indexed in SCI)
- XLVII. **Pullulan microcarriers for bone tissue regeneration**  
Aydogdu H., Keskin D., Baran E. T. , Tezcaner A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.63, pp.439-449, 2016 (Journal Indexed in SCI)
- XLVIII. **Experimental and numerical investigations for mechanical and microstructural characterization of micro-manufactured AZ91D magnesium alloy disks for biomedical applications**  
Kayhan S. M. , TAHMASEBIFAR A., KOÇ M., Usta Y., TEZCANER A., EVİS Z.  
MATERIALS & DESIGN, vol.93, pp.397-408, 2016 (Journal Indexed in SCI)
- XLIX. **Nanoparticles Based on Plasma Proteins for Drug Delivery Applications**

Tezcaner A., Baran E. T. , Keskin D.

CURRENT PHARMACEUTICAL DESIGN, vol.22, pp.3445-3454, 2016 (Journal Indexed in SCI)

- L. **Mesoporous strontium doped nano sized sulphate hydroxyapatite as a novel biomaterial for bone tissue applications**  
Alshemary A. Z. , PAZARÇEVİREN A. E. , TEZCANER A., EVİS Z.  
RSC ADVANCES, vol.6, no.72, pp.68058-68071, 2016 (Journal Indexed in SCI)
- LI. **Improvement of a liposomal formulation with a native molecule: calcitriol**  
DALGIÇ A. D. , TEZCANER A., ELÇİ P., SARPER M., ARPACI F., AVCU F., KESKİN D.  
RSC ADVANCES, vol.6, no.83, pp.80158-80167, 2016 (Journal Indexed in SCI)
- LII. **Surface Characterization and Biocompatibility of SeleniumDoped Hydroxyapatite Coating on Titanium Alloy**  
YILMAZ B., TEZCANER A., EVİS Z., BANERJEE S.  
Ceramics International, 2016 (Journal Indexed in SCI)
- LIII. **Cellulose acetate based 3-dimensional electrospun scaffolds for skin tissue engineering applications**  
Atila D., Keskin D., Tezcaner A.  
CARBOHYDRATE POLYMERS, vol.133, pp.251-261, 2015 (Journal Indexed in SCI)
- LIV. **In vitro and in vivo evaluation of doxycycline-chondroitin sulfate/PCLmicrospheres for intraarticular treatment of osteoarthritis**  
AYDIN O., KORKUSUZ F., KORKUSUZ P., TEZCANER A., BİLGİÇ E., Yaprakci V., KESKİN D.  
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.103, no.6, pp.1238-1248, 2015 (Journal Indexed in SCI)
- LV. **Study on physiochemical structure and in vitro release behaviors of doxycycline-loaded PCL microspheres**  
AYDIN O., AYDIN B., TEZCANER A., KESKİN D.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.132, no.14, 2015 (Journal Indexed in SCI)
- LVI. **Influence of excipients on characteristics and release profiles of poly(epsilon-caprolactone) microspheres containing immunoglobulin G**  
Erdemli O., Keskin D., Tezcaner A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.48, pp.391-399, 2015 (Journal Indexed in SCI)
- LVII. **Epidermal growth factor receptor-targeted immunoliposomes for delivery of celecoxib to cancer cells**  
LIMASALE Y. D. P. , TEZCANER A., ÖZEN C., KESKİN D., BANERJEE S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.479, no.2, pp.364-373, 2015 (Journal Indexed in SCI)
- LVIII. **Synthesis and characterization of nanosized calcium phosphates by flame spray pyrolysis, and their effect on osteogenic differentiation of stem cells**  
Ataol S., Tezcaner A., Duygulu O., Keskin D., Machin N. E.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.17, 2015 (Journal Indexed in SCI)
- LIX. **In vitro evaluation of effects of sustained anti-TNF release from MPEG-PCL-MPEG and PCL microspheres on human rheumatoid arthritis synoviocytes**  
Erdemli O., Özen S., Keskin D., Usanmaz A., Batu E. D. , Atila B., Tezcaner A.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.29, pp.524-542, 2014 (Journal Indexed in SCI)
- LX. **Co-doping of hydroxyapatite with zinc and fluoride improves mechanical and biological properties of hydroxyapatite**  
Uysal I., Severcan F., TEZCANER A., EVİS Z.  
PROGRESS IN NATURAL SCIENCE-MATERIALS INTERNATIONAL, vol.24, no.4, pp.340-349, 2014 (Journal Indexed in SCI)
- LXI. **Characterization and Evaluation of Triamcinolone, Raloxifene, and Their Dual-Loaded Microspheres as Prospective Local Treatment System in Rheumatic Rat Joints**  
Ocal Y., Kurum B., Karahan S., TEZCANER A., ÖZEN S., KESKİN D.  
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.103, no.8, pp.2396-2405, 2014 (Journal Indexed in SCI)

- LXII. **Characteristics and release profiles of MPEG-PCL-MPEG microspheres containing immunoglobulin G**  
Erdemli O., Usanmaz A., Keskin D., Tezcaner A.  
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- LVI. **Biyopolimerlerin Çapraz Bağlama Reaksiyonlarına Alternatif Olarak Sunulan Klik Kimya Tepkimelerinin Biyomühendislik Uygulamalarına Yönelik Geliştirilmesi**  
ATAOL S., TEZCANER A., AKDAĞ A.  
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- LVII. **BİYOPOLİMERLERİN ÇAPRAZ BAĞLAMA REAKSİYONLARINAALTERNATİF OLARAK SUNULAN KLİK KİMYA TEPKİMLERİNİNBIYOMÜHENDİSLİK UYGULAMALARINA YÖNELİK GELİŞTİRİLMESİ**  
Ataol S., TEZCANER A., AKDAĞ A.  
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- LVIII. **Development of Nano Sized CaP Silk Fibroin PCL Based Bilayer Membranes for Guided Bone Regeneration**  
ATAOL S., MACHİN N., PAZARÇEVİREN A. E., KESKİN D., DUYGULU Ö., TEZCANER A.  
NANO-TR2011, Turkey, 22 - 25 June 2015
- LIX. **Magnetic Half Generation PAMAM Dendrimeric Nanoparticles for Targeting Delivery of Gemcitabine**  
Maryam P., Mutlu P., YALÇIN AZARKAN S., TEZCANER A., GÜNDÜZ U.  
11th Internatiobal Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.182-183

## Supported Projects

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- I. BANERJEE S., TEZCANER A., Project Supported by Higher Education Institutions, Cytotoxicity of freeze dried EGFR targeted immunoliposome containing celecoxib against overexpressing EGFR and COX-2 colon cancer cell lines and its stability and functional analysis after storage, 2014 - Continues
- II. TEZCANER A., IŞIK G., Project Supported by Higher Education Institutions, MEME KANSERİNE HEDEFLİ, ANTİKANSER İLAÇ YÜKLÜ Mpeg-B-PCL MİSELLERİNİN GELİŞTİRİLMESİ VE KARAKTERİZASYONU, 2018 - 2019
- III. TEZCANER A., ENGİN PAZARÇEVİREN A., Project Supported by Higher Education Institutions, KOMPOZİT

BHT/ALJİNAT/JELATİN HİDROJEL İLE TİTANYUM İMPLANTLARIN KAPLAMASI: OSSEOENTTEGRASYON VE İMMÜNOMODULASYON ÇALIŞMASI, 2018 - 2019

- IV. TEZCANER A., HAZAL ATİLA D., Project Supported by Higher Education Institutions, DİŞ DOKU MÜHENDİSLİĞİ UYGULAMALARINA YÖNELİK BİYOAKTİF AJAN YÜKLÜ POLİMETİLMETRAKRİLAT/ İPEK FİBROİNİ TAŞIYICILAR, 2018 - 2019
- V. KESKİN D., TEZCANER A., GÜNER M. B. , Project Supported by Higher Education Institutions, İnsan Yağ Dokusundan Ayrılmış Mezenkimal Kök Hücrelerinin Kontrollü GDF-5 Salım ile Tendon Hücrelerine Farklaştırılması ve PCL Nanofiber Hücre İskelesiyle Birlikte Tendon Doku Mühendisliği Yönünden Değerlendirilmesi, 2018 - 2019
- VI. TEZCANER A., Vrana N. E. , KESKİN D., BAT E., FATHI ACHACHELOUEI M., Project Supported by Higher Education Institutions, Kırkdak Doku Mühendisliğine Yönelik Kontrollü Büyüme Faktör Salım Sistemi İçeren İskele Tasarımı, 2018 - 2019
- VII. TEZCANER A., Project Supported by Higher Education Institutions, KEMİK DOKU MÜHENDİSLİĞİNE YÖNELİK ALJİNAT/JELATİN/STRONTİYUM HİDROKSİPATİT HÜCRE TAŞIYICI HİDROJEL GELİŞTİRİLMESİ, 2017 - 2017
- VIII. TEZCANER A., Project Supported by Higher Education Institutions, HİDROKSİPATİT İSKELELERİN OSTEOJENİK HÜCRELERİN ÜÇ-BOYUTLU PERFÜZYON KÜLTÜRÜNE YÖNELİK YAPISAL OPTİMİZASYONU, 2017 - 2017
- IX. TEZCANER A., Project Supported by Higher Education Institutions, YARA İYİLEŞMESİ İÇİN FİBROİN İLE GÜÇLENDİRİLMİŞ POLİPROPİLEN ÖRTÜ, 2017 - 2017
- X. TEZCANER A., Project Supported by Higher Education Institutions, DOKU MÜHENDİSLİĞİ UYGULAMALARINA YÖNELİK PULLULAN/JELATİN TEMELLİ HÜCRE TAŞIYICILAR, 2017 - 2017
- XI. TEZCANER A., IŞIK G., KIZILTAY A., Project Supported by Higher Education Institutions, Polymeric micelles embedded in membrane and hydrogel as drug delivery systems for the treatment of periodontal diseases Periodontal hastalıkların tedavisi için membran ve hidrojel içerisine gömülmüş polimerik ilaç salım sistemleri, 2016 - 2017
- XII. TEZCANER A., YAPRAKÇI V., ALTUNBAŞ K., KESKİN D., PAZARÇEVİREN A. E. , Project Supported by Higher Education Institutions, Zeolit ile Güçlendirilmiş 3 Boyutlu ve Gözenekli Hücre Taşıyıcılarının Kemik Hasarı Tedavisinde Etkinliğinin İncelenmesi, 2016 - 2017
- XIII. TEZCANER A., KESKİN D., TUBITAK Project, Dentin Rejenerasyonuna Yönelik Bor ile Modifiye Edilmiş Nanobiyocam İçeren Taşıyıcılar Geliştirilmesi ve Karakterizasyonu, 2014 - 2017
- XIV. KESKİN D., GUNER M. B. , TEZCANER A., Project Supported by Higher Education Institutions, Merkezkaç Kuvvetiyle Eğirme Yöntemi ile Kemik Doku Mühendisliği Uygulamaları için PHBV Bazlı Kompozit Fiberlerin Geliştirilmesi, 2016 - 2016
- XV. TEZCANER A., ARSLAN Ö. C. , ÖZKAN H., KESKİN D., ATİLA D. H. , Project Supported by Higher Education Institutions, Ortopedik İmplantların Polimer Bazlı Melatonin Kaplanması ve Kırık İyileşmesi Üzerine Etkilerinin Ratlarda İncelenmesi, 2016 - 2016
- XVI. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
- XVII. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
- XVIII. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
- XIX. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
- XX. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- XXI. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- XXII. TEZCANER A., KESKİN D., Project Supported by Higher Education Institutions, Klinoptilolit /Poli ?-kaprolakton - Poli etilen glikol - Poli ?-kaprolakton (PCL-PEG-PCL) Triblok Kopolimer Temelli Hücre Taşıyıcıların Geliştirilmesi ve Karakterizasyonu, 2014 - 2015
- XXIII. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

- XXIV. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
- XXV. TEZCANER A., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
- XXVI. KESKİN D., Barçın Z., TEZCANER A., Project Supported by Higher Education Institutions, Kan Beyin Bariyeri Ötesine Kontrollü Salım Sistemleri ile İlaç Taşınması, 2013 - 2014
- XXVII. TEZCANER A., AKDAĞ A., ATAOL S., Machin N., KESKİN D., Project Supported by Higher Education Institutions, Kemik Hasarlarının Tedavisine Yönelik Nanohidroksiapatit ile Güçlendirilmiş Üç Boyutlu Fibroin ve Pektin Taşıyıcılarının Geliştirilmesi ve In Vitro Karakterizasyonu, 2013 - 2014
- XXVIII. GÜNDÜZ U., Yalçın Azarkan S., Ünsoy G., TEZCANER A., MUTLU P., Project Supported by Higher Education Institutions, Kansere Hücre Hatlarında Sirna Yüklü Manyetik Nanoparçacıklar Yoluyla Survivin İfadesinin Engellenmesi, 2012 - 2014
- XXIX. TEZCANER A., Rad Moonesi Rad R., Project Supported by Higher Education Institutions, Diş Uygulamalarına Yönelik Polimer-Biyocam Nanobiokompozit Geliştirilmesi ve Karakterizasyonu, 2013 - 2013
- XXX. BANERJEE S., Kavas A., KESKİN D., TEZCANER A., Project Supported by Higher Education Institutions, Polimerik İlaç Salım Sistemleri ile Prostat Kanseri Tedavisi için Yeni Hedefleme Stratejileri Geliştirilmesi, 2013 - 2013
- XXXI. TEZCANER A., AYDOĞDU H., Project Supported by Higher Education Institutions, OSTEOKONDRAL HASARLAR İÇİN AFİNİTE TEMELLİ ÜÇ BOYUTLU DOKU İSKELESİ GELİŞTİRİLMESİ, 2013 - 2013
- XXXII. TEZCANER A., MOONESI RAD R., Project Supported by Higher Education Institutions, DİŞ UYGULAMALARINA YÖNELİK POLİMER-BİYOCAM NANOBİOKOMPOZİT GELİŞTİRİLMESİ VE KARAKTERİZASYONU, 2013 - 2013
- XXXIII. KESKİN D., TEZCANER A., DALGIÇ A. D. , Project Supported by Higher Education Institutions, Antikanser İlaç İçeren Ve Cd 20 Karşıtı Antikor İle Hedefli Lipozomal Sistemin Lösemi Ve Lenfoma Hastalıkları Tedavisinde In Vitro Etkinliğinin Araştırılması., 2012 - 2013
- XXXIV. TEZCANER A., ÖZEN C., GÜLDİKEN M., KESKİN D., DURUCAN C., ATAOL S., Project Supported by Higher Education Institutions, Kemik Hasarlarının Tedavisine Yönelik Simvastatin Yüklü Mikrotaşıyıcıların Geliştirilmesi Ve Karakterizasyonu, 2012 - 2013
- XXXV. TEZCANER A., Project Supported by Higher Education Institutions, Osteoporoz Tedavisine Yönelik Kemik Hedefli Plga-Pcl Nanokürelerin Hazırlanması Ve Karakterizasyonu, 2011 - 2012
- XXXVI. TEZCANER A., Project Supported by Higher Education Institutions, Immunoglobulin G Antikoru Yüklü Fibroin Mikrokürelerinin Hazırlanması Ve Salım Kinetiğinin İncelenmesi, 2009 - 2010
- XXXVII. TEZCANER A., Project Supported by Higher Education Institutions, Osteoartiritte Matriks Proteinlerinin Gen Ekspresyonuna Raloksifenin Etkisi, 2009 - 2009

## Patent

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- I. Tezcaner A., Keskin D., Özen S., Atilla B., Usanmaz A., Kocaefe Y. Ç. , Erdemli Ö., Anti-TNF alfa ilaç Yüklü Polimerik Kontrollü Salım Sistemi., Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: TR 2015 03287 B , Initial Registration, 2020

## Activities in Scientific Journals

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- I. FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY, Committee Member, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

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- I. MÜHENDİSLİK ARAŞTIRMA GRUBU , Executive Board Member, 2019 - Continues, Turkey
- II. TUBİTAK, Executive Board Member, 2019 - Continues, Turkey



- III. Mühendislik Araştırma Grubu, Executive Board Member, 2019 - 2020, Turkey
- IV. MÜHENDİSLİK ARAŞTIRMA GRUBU, Member of Advisory Board, 2019 - 2019, Turkey

## Scientific Refereeing

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- I. CELLULOSE, Journal Indexed in SCI-E, December 2019
- II. CARBOHYDRATE POLYMERS, SCI Journal, December 2019
- III. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, December 2019
- IV. TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Middle East Technical University, Turkey, December 2019
- V. TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, December 2019
- VI. TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Middle East Technical University, Turkey, December 2019
- VII. TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Middle East Technical University, Turkey, December 2019
- VIII. TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Middle East Technical University, Turkey, December 2019
- IX. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2019
- X. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2019
- XI. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, October 2019
- XII. Cellulose, Journal Indexed in SCI-E, September 2019
- XIII. TÜBA Project, Middle East Technical University, Turkey, September 2019
- XIV. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, August 2019
- XV. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, July 2019
- XVI. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, July 2019
- XVII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, July 2019
- XVIII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2019
- XIX. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2019
- XX. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2019
- XXI. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2019
- XXII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2019
- XXIII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, May 2019
- XXIV. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019

- XXV. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXVI. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXVII. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, March 2019
- XXVIII. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXIX. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXX. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXXI. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXXII. TUBITAK Project, 1011 - International Scientific Research Projects Participation Program (UBAP), Middle East Technical University, Turkey, March 2019
- XXXIII. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXXIV. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, March 2019
- XXXV. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, February 2019
- XXXVI. Technopark, TEKNOKENT, Turkey, November 2018
- XXXVII. TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Middle East Technical University, Turkey, October 2018
- XXXVIII. BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Middle East Technical University, Turkey, June 2018
- XXXIX. BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Middle East Technical University, Turkey, June 2018
- XL. TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, February 2018

## Scientific Consultations

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- I. BİOMETRON, Project Consultancy, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, Turkey, 2019 - Continues
- II. BİOMETRON, Project Consultancy, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, Turkey, 2019 - Continues
- III. BİOMETRON, Project Consultancy, Middle East Technical University, Faculty Of Engineering, Department Of Engineering Sciences, Turkey, 2019 - 2021

## Edit Congress and Symposium Activities

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- I. 20. Uluslararası Katılımlı Biyoteknoloji Kongresi, Invited Speaker, Ankara, Turkey, 2019
- II. Kök Hücre ve Hücresel Tedaviler Kongresi, Invited Speaker, İstanbul, Turkey, 2019

## Citations

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- I. Total Citations (WOS): 1512
- II. h-index (WOS): 21

## Coaching Duties

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## Refereeing Duties

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## Non Academic Experience

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- I. Other Public Institution, TÜBİTAK