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Publons / Web Of Science ResearcherID: AAZ-6462-2020

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (Dr), Turkey
1997 - 2001

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (YI)
(Tezli), Turkey 1995 - 1997

Foreign Languages

English, C1 Advanced

Research Areas

Biomedical Engineering, Biomaterials, Biotechnology, Biomaterial

Academic and Administrative Experience

Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2012 - Continues

Middle East Technical University, Biyomalzeme Ve Doku Mühendisliği Araştırma Ve Uygulama Merkezi, 2012 - Continues

Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2003 - 2006

Advising Theses

Keskin D., Surface functionalized poly-lactic acid (PLA) scaffolds for bone tissue engineering, Postgraduate,
M.MONIRIZAD(Student), 2022

Keskin D., Evis Z., Fabrication and evaluation of sulfonated poly(ether ether ketone) and fluoridated hydroxyapatite
composite scaffolds for bone tissue engineering, Postgraduate, A.NOSRATINIA(Student), 2022

KESKİN D., Natural origin silica reinforced dual fiber matrices for bone tissue engineering, Doctorate, A.Deniz(Student), 2020

KESKİN D., Topical delivery of heparin with polymeric nanoparticles on electrospun nanofibers, Postgraduate, D.Deniz(Student), 2019

KESKİN D., Development and characterization of (carbonated) hydroxyapatite, akermanite involving polycaprolactone scaffolds, Postgraduate, G.Altunordu(Student), 2019

KESKİN D., Tenogenic differentiation of human adipose derived mscs on a novel tendon scaffold by GDF-5 supplementation, Postgraduate, M.BAHADIR(Student), 2018

KESKİN D., Local delivery of bioactive agents for bone tissue engineering, Postgraduate, H.ALISSA(Student), 2017

KESKİN D., ÖZEN C., Development of gemcitabine and clofazimine coloaded liposomal delivery system for osteosarcoma treatment, Postgraduate, Y.Çalışkan(Student), 2016

ÖZEN C., KESKİN D., Development of gemcitabine and clofazimine co-loaded liposomal delivery system for osteosarcoma treatment, Postgraduate, Y.ÇALIŞKAN(Student), 2016

TEZCANER A., KESKİN D., Development of clinoptilolite/poly ε-caprolactone -polyethylene glycol - poly ε-caprolactone triblock copolymer based scaffolds for bone tissue engineering, Postgraduate, A.ENGİN(Student), 2016

KESKİN D., Fabrication and characterization of bilayered tissue scaffolds incorporating bioactive agents for skin tissue engineering applications, Doctorate, Ö.Aktürk(Student), 2015

KESKİN D., Development and characterization of injectable alginate/sericin/chondroitin sulphate microspheres for cartilage tissue engineering /, Postgraduate, N.GÖL(Student), 2015

BANERJEE S., KESKİN D., Celecoxib delivery with epidermal growth factor receptor-targeted immunoliposomes for cancer therapy /, Postgraduate, Y.DWI(Student), 2015

TEZCANER A., KESKİN D., Raloxifene delivery systems for osteoporosis treatment, Doctorate, A.KAVAS(Student), 2014

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

KESKİN D., Anti-parkinsonian drug delivery across the blood-brain barrier, Postgraduate, Z.BARÇIN(Student), 2014

KESKİN D., Development and characterization of cortisone derivative drug carrying polymeric microspheres, Postgraduate, Y.ÖCAL(Student), 2011

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

TEZCANER A., KESKİN D., Preparation of sericin based wound dressing and investigation of its biomaterial properties, Postgraduate, Ö.AKTÜRK(Student), 2009

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

TEZCANER A., KESKİN D., Biocompatibility and biomechanical properties of new polycaprolactone-bioglass based bone implant materials, Postgraduate, Ö.ERDEMLİ(Student), 2007

KESKİN D., HASIRCI V. N., Development and analysis of controlled release polymeric rods containing vancomycin, Postgraduate, O.TAĞIT(Student), 2005

KESKİN D., Biomechanical evaluation of effects of estrogen, selective estrogen receptor modulator drugs and vitamin K2 on osteoporotic bone, Postgraduate, A.GÜL(Student), 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel barium-doped-baghdadite incorporated PHBV-PCL composite fibrous scaffolds for bone tissue engineering**
Sadreddini S., Jodati H., Evis Z., Keskin D.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.148, 2023 (SCI-Expanded)
- II. **Alginate/gelatin/boron-doped hydroxyapatite-coated Ti implants: in vitro and in vivo evaluation of osseointegration**
Pazarçeviren A. E., Evis Z., Dikmen T., Altunbaş K., Yaprakçı M. V., Keskin D., Tezcaner A.
Bio-Design and Manufacturing, vol.6, no.3, pp.217-242, 2023 (SCI-Expanded)

- III. **Diatom silica frustules-doped fibers for controlled release of melatonin for bone regeneration**
Deniz Dalgic A., Atila D., TEZCANER A., GÜRSES S., KESKİN D.
European Polymer Journal, vol.186, 2023 (SCI-Expanded)
- IV. **Injectable methacrylated gelatin/thiolated pectin hydrogels carrying melatonin/tideglusib-loaded core/shell PMMA/silk fibroin electrospun fibers for vital pulp regeneration**
Atila D., Keskin D., Lee Y., Lin F., Hasirci V., Tezcaner A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.222, 2023 (SCI-Expanded)
- V. **Functionalization of graphene oxide quantum dots for anticancer drug delivery**
Mohammed-Ahmed H. K., NAKİPOĞLU M., TEZCANER A., KESKİN D., EVİS Z.
Journal of Drug Delivery Science and Technology, vol.80, 2023 (SCI-Expanded)
- VI. **Graphene oxide reinforced doped dicalcium phosphate bone cements for bone tissue regenerations**
Motameni A., Alshemary A. Z., Dalgic A. D., Keskin D., Evis Z.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.58, no.5, pp.1633-1647, 2022 (SCI-Expanded)
- VII. **Pullulan hydrogel-immobilized bacterial cellulose membranes with dual-release of vitamin C and E for wound dressing applications**
Atila D., Karataş A., Keskin D., Tezcaner A.
International Journal of Biological Macromolecules, vol.218, pp.760-774, 2022 (SCI-Expanded)
- VIII. **Decellularized adipose tissue matrix-coated and simvastatin-loaded hydroxyapatite microspheres for bone regeneration.**
Kesim M. G., Durucan C., Atila D., Keskin D., Tezcaner A.
Biotechnology and bioengineering, vol.119, no.9, pp.2574-2589, 2022 (SCI-Expanded)
- IX. **Seamless and robust alginate/gelatin coating on Ti-6Al-4V as a gap filling interphase**
PAZARÇEVİREN A. E., Akbaba S., TEZCANER A., KESKİN D., EVİS Z.
APPLIED SURFACE SCIENCE, vol.581, 2022 (SCI-Expanded)
- X. **Natural origin bilayer pullulan-PHBV scaffold for wound healing applications**
Dalgic A. D., Koman E., Karataş A., Tezcaner A., Keskin D.
Materials Science and Engineering C, vol.134, 2022 (SCI-Expanded)
- XI. **Xanthan-gelatin and xanthan-gelatin-keratin wound dressings for local delivery of Vitamin C**
Demir G. C., Erdemli Ö., KESKİN D., TEZCANER A.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.614, 2022 (SCI-Expanded)
- XII. **Investigation of the effect of ghrelin on bone fracture healing in rats**
Erener T., CERİTOĞLU K. U., AKTEKİN C. N., Dalgic A. D., KESKİN D., GENECİ F., Ocak M., Bilecenoğlu B., Hücümenoğlu S., Çaydere M., et al.
Clinical and Experimental Pharmacology and Physiology, vol.48, no.10, pp.1382-1390, 2021 (SCI-Expanded)
- XIII. **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 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **Lanthanum doped dicalcium phosphate bone cements for potential use as filler for bone defects**
Motameni A., Alshemary A. Z., DALGIÇ A. D., KESKİN D., EVİS Z.
MATERIALS TODAY COMMUNICATIONS, vol.26, 2021 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)
- XVIII. 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 (SCI-Expanded)
- XIX. 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 (SCI-Expanded)
- XX. Structural and Biological Analysis of Mesoporous Lanthanum Doped beta TCP For Potential Use as Bone Graft Material**
Motameni A., DALGIÇ A. D., ALSHEMARY A. Z. G., KESKİN D., EVİS Z.
MATERIALS TODAY COMMUNICATIONS, vol.23, 2020 (SCI-Expanded)
- XXI. 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 (SCI-Expanded)
- XXII. 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 (SCI-Expanded)
- XXIII. 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 (SCI-Expanded)
- XXIV. 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 (SCI-Expanded)
- XXV. Nanocrystalline Zn²⁺ and SO₄²⁻ 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 (SCI-Expanded)
- XXVI. 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 (SCI-Expanded)
- XXVII. 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 (SCI-Expanded)
- XXVIII. 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 (SCI-Expanded)
- XXIX. 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

(SCI-Expanded)

- XXX. **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 (SCI-Expanded)
- XXXI. **A new therapeutic combination for osteosarcoma: Gemcitabine and Clofazimine co-loaded liposomal formulation**
Caliskan Y., DALGIÇ A. D., Gereki S., Gulec E. A., TEZCANER A., ÖZEN C., KESKİN D.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.557, pp.97-104, 2019 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **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 (SCI-Expanded)
- XXXV. **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 (SCI-Expanded)
- XXXVI. **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 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)
- XXXIX. **Clinoptilolite/PCL-PEG-PCL composite scaffolds for bone tissue engineering applications**
Pazarçeviren E., Erdemli O., Keskin D., Tezcaner A.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.31, pp.1148-1168, 2017 (SCI-Expanded)
- XL. **Micelles As Delivery System for Cancer Treatment**
Keskin D., Tezcaner A.
CURRENT PHARMACEUTICAL DESIGN, vol.23, pp.5230-5241, 2017 (SCI-Expanded)
- XLI. **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 (SCI-Expanded)
- XLII. **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 (SCI-Expanded)

- XLIII. **Collagen/gold nanoparticle nanocomposites: A potential skin wound healing biomaterial**
Akturk O., Kismet K., Yasti A. C., Kuru S., Duymus M. E., Kaya F., Caydere M., Hucumenoglu S., KESKİN D.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.31, no.2, pp.283-301, 2016 (SCI-Expanded)
- XLIV. **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
(SCI-Expanded)
- XLV. **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 (SCI-Expanded)
- XLVI. **Collagen/PEO/gold nanofibrous matrices for skin tissue engineering**
Akturk O., KESKİN D.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.2, pp.380-398, 2016 (SCI-Expanded)
- XLVII. **Wet electrospun silk fibroin/gold nanoparticle 3D matrices for wound healing applications**
AKTÜRK Ö., Kismet K., Yasti A. C., Kuru S., Duymus M. E., Kaya F., Caydere M., Hucumenoglu S., KESKİN D.
RSC ADVANCES, vol.6, no.16, pp.13234-13250, 2016 (SCI-Expanded)
- XLVIII. **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 (SCI-Expanded)
- XLIX. **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 (SCI-Expanded)
- L. **In vitro and in vivo evaluation of doxycycline-chondroitin sulfate/PCL microspheres 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 (SCI-Expanded)
- LI. **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 (SCI-Expanded)
- LII. **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
(SCI-Expanded)
- LIII. **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 (SCI-Expanded)
- LIV. **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 (SCI-Expanded)
- LV. **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., Atilla B., Tezcaner A.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.29, pp.524-542, 2014 (SCI-Expanded)
- LVI. **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 (SCI-Expanded)
- LVII. **Characteristics and release profiles of MPEG-PCL-MPEG microspheres containing immunoglobulin G**
Erdemli O., Usanmaz A., Keskin D., Tezcaner A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.117, pp.487-496, 2014 (SCI-Expanded)
- LVIII. **Double entrapment of growth factors by nanoparticles loaded into polyelectrolyte multilayer films**
Vrana N. E., ERDEMLİ Ö., FRANCIUS G., FAHS A., Rabineau M., DEBRY C., TEZCANER A., KESKİN D., Lavalle P.
JOURNAL OF MATERIALS CHEMISTRY B, vol.2, no.8, pp.999-1008, 2014 (SCI-Expanded)
- LIX. **In vitro/in vivo comparison of cefuroxime release from poly(epsilon-caprolactone)-calcium sulfate implants for osteomyelitis treatment**
Yaprakci V., Erdemli O., Kayabolen A., TEZCANER A., Bozkurt F., KESKİN D.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.60, no.6, pp.603-616, 2013 (SCI-Expanded)
- LX. **In Vitro Characterization of a Liposomal Formulation of Celecoxib Containing 1,2-Distearoyl-sn-Glycero-3-Phosphocholine, Cholesterol, and Polyethylene Glycol and its Functional Effects Against Colorectal Cancer Cell Lines**
ERDOĞ A., Limasale Y. D. P., KESKİN D., TEZCANER A., BANERJEE S.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.102, no.10, pp.3666-3677, 2013 (SCI-Expanded)
- LXI. **Potential of Raloxifene in reversing osteoarthritis-like alterations in rat chondrocytes: An in vitro model study**
Kavas A., Cagatay S. T., Banerjee S., Keskin D., Tezcaner A.
JOURNAL OF BIOSCIENCES, vol.38, pp.135-147, 2013 (SCI-Expanded)
- LXII. **Nano-sized liposomes for delivery of Celecoxib**
Erdog A., TEZCANER A., KESKİN D., BANERJEE S.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- LXIII. **Modifying the course of degenerative joint arthritis by mesenchymal stem cell containing injectable alginate/hyaluronan microspheres**
Gol N., KORKUSUZ P., Uckan D., TEZCANER A., KESKİN D., Korkusuz F.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- LXIV. **Characteristics and release profiles of PEG-PCL-PEG microspheres containing immunoglobulin G**
Erdemli O., Usanmaz A., Keskin D., Tezcaner A.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.6, pp.326, 2012 (SCI-Expanded)
- LXV. **In vitro investigation and biomechanical modeling of the effects of PLF-68 on osteoarthritis in a three-dimensional model**
Kavas A., Ozdemir M., Gürses S., Keskin D., Tezcaner A.
BIOMECHANICS AND MODELING IN MECHANOBIOLOGY, vol.10, pp.641-650, 2011 (SCI-Expanded)
- LXVI. **Evaluation of sericin/collagen membranes as prospective wound dressing biomaterial**
AKTÜRK O., TEZCANER A., BİLGİLİ H., Devci M. S., Gecit M. R., KESKİN D.
JOURNAL OF BIOSCIENCE AND BIOENGINEERING, vol.112, no.3, pp.279-288, 2011 (SCI-Expanded)
- LXVII. **Prospective evaluation of Vitamin K2, Raloxifene and their co-administration in osteoporotic rats**
Tasci A. G., BİLGİLİ H., Altunay H., Gecit M. R., KESKİN D.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.43, no.4, pp.270-277, 2011 (SCI-Expanded)
- LXVIII. **Synthesis, phase transitions and cellular biocompatibility of nanophase alumina-hydroxyapatite composites**
BAŞAR B., TEZCANER A., KESKİN D., EVİS Z.
ADVANCES IN APPLIED CERAMICS, vol.110, no.4, pp.238-243, 2011 (SCI-Expanded)
- LXIX. **Celecoxib-loaded liposomes: effect of cholesterol on encapsulation and in vitro release characteristics**
DENİZ A., Sade A., Severcan F., KESKİN D., TEZCANER A., BANERJEE S.
BIOSCIENCE REPORTS, vol.30, no.5, pp.365-373, 2010 (SCI-Expanded)
- LXX. **Improvements in microstructural, mechanical, and biocompatibility properties of nano-sized hydroxyapatites doped with yttrium and fluoride**
BAŞAR B., TEZCANER A., KESKİN D., EVİS Z.

- CERAMICS INTERNATIONAL, vol.36, no.5, pp.1633-1643, 2010 (SCI-Expanded)
- LXXI. **Biomechanical and histological outcome of combined raloxifene-estrogen therapy on skeletal and reproductive tissues**
Tasci A., BİLGİLİ H., Altunay H., Gecit M. R., KESKİN D.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.627, pp.354-361, 2010 (SCI-Expanded)
- LXXII. **In vitro and in vivo evaluation of the effects of demineralized bone matrix or calcium sulfate addition to polycaprolactone-bioglass composites**
ERDEMLİ Ö., Captug O., Bilgili H., ORHAN D., TEZCANER A., KESKİN D.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.21, no.1, pp.295-308, 2010 (SCI-Expanded)
- LXXIII. **Collagen-chondroitin sulfate-based PLLA-SAIB-coated rhBMP-2 delivery system for bone repair**
Keskin D., Tezcaner A., KORKUSUZ P., KORKUSUZ F., HASIRCI V. N.
BIOMATERIALS, vol.26, no.18, pp.4023-4034, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Improvement of bioactivity with dual bioceramic incorporation to nanofibrous PCL scaffolds**
Altunordu G., TEZCANER A., EVİS Z., KESKİN D.
MATERIALIA, vol.27, 2023 (ESCI)

Books & Book Chapters

- I. **Kemik Tedavisinde Kullanılan Hidrojeller**
Dalgıç A. D., Keskin D.
in: Doku Mühendisliği Hidrojeller ve Biyomürekkepler 3- Boyutlu Organ Yapımı, Nesrin Hasırcı, Vasıf Hasırcı, Editor, ODTÜ Yayıncılık, Ankara, pp.265-280, 2023
- II. **Use of nanoscale-delivery systems in tissue/organ regeneration**
Fathi Achachelouei M., Keskin D., Tezcaner A.
in: Biomaterials for Organ and Tissue Regeneration New Technologies and Future Prospects , Nihal Engin Vrana, Helena Knopf-Marques, Julien Barthes, Editor, Elsevier Science, Oxford/Amsterdam , Massachusetts, pp.113-162, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Deri Doku Mühendisliğine Yönelik Çift Katmanlı Elektroğirilmiş Taşıyıcıların Tasarlanması**
Dalgıç A. D., Koman E., Karataş A., Tezcaner A., Keskin D.
BIOMED2021-TR, Ankara, Turkey, 18 - 19 December 2021, pp.29
- II. **Akolpoğlu Başaran D. D., Gündüz U., Tezcaner A., Keskin D.**
25. Ulusal Biyomedikal Bilim ve Teknoloji Sempozyumu, Ankara, Turkey, 18 - 19 December 2021, pp.40
- III. **Boron Doped Hydroxyapatite/Tricalcium Phosphate for Bone Tissue Engineering Applications**
Pazarçeviren A. E., Keskin D., Tezcaner A., Topsoy Kolkusa S., Evis Z.
24th International Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019, pp.175
- IV. **Melatonin Releasing Electrospun Scaffold for Bone Tissue Engineering.**
Dalgıç A. D., Atila D., Tezcaner A., Keskin D.
24th International Biomedical Science and Technology Symposium (BIOMED 2019, İzmir, Turkey, 17 - 20 October 2019, pp.109
- V. **Research of The Potential Of PCL/HA/Akermanite and PCL/Cha/Akermanite Fibers Produced By Wet Electrospinning Method for Bone Tissue Engineering**
Altunordu G., Evis Z., Tezcaner A., Keskin D.

International Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019, pp.110

- VI. **Fibroin reinforced, strontium doped calcium phosphate silicate cements for bone tissue engineering applications**
Işık G., Keskin D., Evis Z., Tezcaner A.
24th International Biomedical Science and Technology Symposium (BIOMED 2019), İzmir, Turkey, 17 - 20 October 2019, pp.108
- VII. **Bilayered Membranes Containing Boron-Modified Bioactive Glass Nanoparticles For Guided Bone Regeneration.**
Moonesı Rad R., Atila D., Evis Z., Keskin D., Tezcaner A.
International Symposium on Boron (BORON2019), Nevşehir, Turkey, 17 - 19 April 2019, pp.15
- VIII. **Preparation of Boron Doped Hydroxyapatite/Tricalcium Phosphate for Reinforcing Osseointegration**
Pazarçeviren A. E., Keskin D., Tezcaner A., Koluksa S., Evis Z.
International Symposium on Boron (BORON2019), Nevşehir, Turkey, 17 - 19 April 2019, pp.24
- IX. **Çift Katmanlı PCEC/Jelatin-Bizmut-Grafen Oksit Membranları ile GÜdümlü Kemik Yenilenmesi**
Pazarçeviren A. E., Evis Z., Keskin D., Tezcaner A.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, pp.103
- X. **Sol-Jel Tekniğiyle Üretilen Akermanit Biyoseramiğinin Mikroyapı İncelemesi**
Altınordu G., Evis Z., Tezcaner A., Keskin D.
23. Biyomedikal Bilim ve Teknoloji (BIOMED2018-TR) Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, pp.61
- XI. **Herni Tedavisi İçin Biyopolimer İle Modifiye Edilmiş Polipropilen Örtü**
Akbaba S., Atila D. H., Tezcaner T., Tezcaner A., Keskin D.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, pp.60
- XII. **Periodontal Doku Mühendisliği için Bor ile Modifiye Edilmiş Biyoaktif Cam İçeren İki Katmanlı Kompozit Membranlar.**
Moonesı Rad R., Atila D. H., Evis Z., Keskin D., Tezcaner A.
23. Biyomedikal Bilim ve Teknoloji (BIOMED2018-TR) Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, pp.100
- XIII. **Tendon Doku Mühendisliği Uygulamaları için Özgün 3B Hücre Taşıyıcısı.**
Güner B., Dalgıç A. D., Tezcaner A., Keskin D.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018, pp.102
- XIV. **Büyüme Faktörü Yüklenmiş İpek Fibroin/PEGDAM Hidrojelleriyle Artiküler Kıkırdak Doku Mühendisliği**
Fathi Achachelouei M., Vrana N. E., Bat E., Keskin D., Tezcaner A.
23rd Biomedical Science and Technology Symposium, İstanbul, Turkey, 15 - 16 December 2018, pp.61
- XV. **Diatom Silika Kabuk Katkılı PHBV/PCL-Pullulan Taşıyıcıların Kemik Doku Mühendisliğine Uygunluğunun Araştırılması**
DALGIÇ A. D., ATİLA D. H., KOMAN E., KARATAŞ A., TEZCANER A., KESKİN D.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Turkey, 15 - 16 December 2018
- XVI. **Evaluation of boron modified bioactive glass nanoparticles incorporated nanocomposited scaffolds for dentin tissue engineering.**
Tezcaner A., Moonesı Rad R., Keskin D., Şahin S., Evis Z.
29th Annual Congress of the European Society for Biomaterials, Maastricht, Netherlands, 9 - 13 September 2018, pp.362
- XVII. **Coaxial electrospun scaffolds for dual delivery of bioagents for bone tissue engineering.**
Keskin D., Alam H., Tezcaner A., Dalgıç A. D., Özen C.
29th Annual Congress of the European Society for Biomaterials, Maastricht, Netherlands, 9 - 13 September 2018, pp.334
- XVIII. **Topical Delivery of Heparin with Polymeric Microparticles**
Akopoğlu D., Gündüz U., Tezcaner A., Keskin D.
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 5 - 08 September 2018,

- XIX. Controlled Delivery of bFGF and TGF- β 1 via Polymeric Nanoparticles within Hybrid Hydrogels for Articular Cartilage Tissue Engineering**
Achachelouei M., Vrana N. E., Bat E., Tezcaner A., Keskin D.
4. International Society for Biomedical Polymers and Polymeric Biomaterials (ISBPPB) conference, Krakow, Poland, 15 - 18 July 2018, pp.116
- XX. PHBV Based Bone Tissue Engineering Scaffolds Doped with Diatom Shells**
Dalgıç A. D., Atila D. H., Karataş A., Tezcaner A., Keskin D.
4th International Society for Biomedical Polymers and Polymeric Biomaterials (ISBPPB), Krakow, Poland, 15 - 18 July 2018
- XXI. 4th International Conference on Biomedical Polymers & Polymeric Biomaterials (ISBPPB 2018)**
Dalgıç A. D., Atila D. H., Karataş A., Tezcaner A., Keskin D.
4th International Conference on Biomedical Polymers & Polymeric Biomaterials (ISBPPB 2018) , Krakow, Poland, 15 - 18 June 2018, pp.50
- XXII. Pullulan Hydrogel-Immobilized Bacterial Cellulose Membranes for Wound Dressing**
Atila D. H., Karataş A., Keskin D., Tezcaner A.
12th Annual Conference on Stem Cell & Regenerative Medicine & 4th Annual Conference on Biomaterials, , Praha, Czech Republic, 4 - 06 June 2018, pp.55
- XXIII. Graphene Oxide Incorporated Silicate Doped Nano-hydroxyapatite Novel Composite for Bone Tissue Engineering**
Dalgıç A. D., Alshemary A. Z. G., Tezcaner A., Keskin D., Evis Z.
4. International Society for Biomedical Polymers and Polymeric Biomaterials (ISBPPB) conference, Praha, Czech Republic, 4 - 05 June 2018, pp.116
- XXIV. Synthesis and Characterization of Microbial Levan-Capped Gold Nanoparticles for Potential Nanobiotechnological Applications**
AKTÜRK Ö., ERDEMLİ Ö., KARAYEL M., DEMİRAL A., KANATLI A., ÇAĞDAŞ TUNALI B., ŞAHİNGÖZ D., DALGIÇ A. D., KESKİN D., YİĞİTOĞLU M.
13. Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.56
- XXV. Synergistic Effect of Gemcitabine and Clofazimine in Co-loaded Liposomal Formulation for Multidrug Treatment Approach of Osteosarcoma**
ÇALIŞKAN Y., GÜLEÇ E., GEREKÇİ S., TEZCANER A., ÖZEN C., KESKİN D.
Controlled Release Society Annual Meeting and Exposition, 16 - 19 July 2017
- XXVI. Zeolite Containing Gelatin/Pullulan Sponges for Cartilage Tissue Engineering**
ATILA D. H., KARATAŞ A., KESKİN D., TEZCANER A.
22st International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXVII. Development and in vitro characterization of levodopa and glutathione co-loaded liposomal formulations**
GURTURK Z., TEZCANER A., DALGIÇ A. D., KORKMAZ S., KESKİN D.
22st International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXVIII. Evaluation of cytotoxicity effect of boron modified bioactive glass nanoparticles on human dental pulp stem cells**
MOONESİ RAD R., ALSHEMERY A. Z. G., KESKİN D., EVİS Z., SILA Ş., TEZCANER A.
22nd International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XXIX. Microstructure Analysis of Cu₂/SiO₄ 4- Co-doped Nanohydroxyapatite**
ÖNCÜ S., YEDEKÇİ B., ALSHEMERY A. Z. G., TEZCANER A., KESKİN D., EVİS Z.
22nd Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXX. Evaluation of Zeolite/PCL-PEG- PCL Composite Scaffolds on Bone Regeneration in Rabbit Unicortical Tibial Defect**
PAZARÇEVİREN A. E., ERDEMLİ Ö., YAPRAKCI M. V., ALTUNBAŞ K., KESKİN D., TEZCANER A.
22nd International Symposium on Biomedical Science Technology, 12 - 14 May 2017
- XXXI. Local Delivery of Bioactive Agents for Enhanced Bone Tissue Engineering**

- ALAM H., DALGIÇ A. D., TEZCANER A., ÖZEN C., KESKİN D.
22st International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXXII. **Investigation of Osteogenic Potential of Silicate Hydroxyapatite Particles In Electrospun PCL Scaffold**
DALGIÇ A. D., ALSHEMERY A. Z. G., TEZCANER A., EVİS Z., KESKİN D.
22st International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXXIII. **Therapeutic efficacy of honey loaded scaffolds in full-thickness wounds of rats**
AKTÜRK Ö., KESKİN D.
International Conference on Engineering Technology and Innovation, Saray Bosna, Bosnia And Herzegovina, 22 - 26 March 2017, pp.123
- XXXIV. **Macroporous boron modified bioactive glass scaffolds for hard tissue engineering**
moonesi rad r., alshemary a., KESKİN D., EVİS Z., şahin s., TEZCANER A.
Uluslararası Katılımlı 8. Ulusal Biyomekanik Kongresi, Turkey, 19 - 23 October 2016
- XXXV. **Investigation of zeolite/PCL-PEG-PCL composite scaffolds for bone tissue engineering**
PAZARÇEVİREN A. E., KESKİN D., YAPRAKCI M. V., ALTUNBAŞ K., TEZCANER A.
Uluslararası Katılımlı 8. Ulusal Biyomekanik Kongresi, 19 - 23 October 2016
- XXXVI. **Preparation of a nanobiocomposite scaffold containing boron modified bioactive glass nanoparticles and biopolymers of cellulose acetate pullulan gelatin and evaluation of its application in dentin tissue engineering**
moonesi rad r., KESKİN D., EVİS Z., erdogan e., şahin s., TEZCANER A.
International Conference on Polymer Science & Engineering, United States Of America, 22 - 24 August 2016
- XXXVII. **Preparation of a Nanobiocomposite Scaffold Containig Boron Modified Bioactive Glass Nanoparticles and Biopolymers of Cellulose acetate Pullulan Gelatin and Evaluation of its Application in Dentin Tissue Engineering**
RAD MOONESİ R., KESKİN D., EVİS Z., ERDOĞAN E., ŞAHİN S., TEZCANER A.
International Conference on Polymer Science and Engineering, 22 - 24 August 2016
- XXXVIII. **PCEC/Silk Fibroin/CaP-PCL Based Bilayered Constructs for Guided Tissue Regeneration**
Türkkân S., PAZARÇEVİREN A. E., Machin N., KESKİN D., Duygulu Ö., TEZCANER A.
12th International Nanoscience and Nanotechnology Conference, 3 - 05 June 2016
- XXXIX. **Development of Doxorubicin Loaded Immunoliposomes and Investigation of In Vitro Cytotoxicity on B Lymphoma Cells**
DALGIÇ A. D., TEZCANER A., ELÇİ P., SARPER M., ARPACI F., AVCU F., KESKİN D.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XL. **Crosslinked Pullulan Cellulose Acetate Electrospun Scaffolds for Bone Tissue Engineering**
ATİLA D. H., KESKİN D., TEZCANER A.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XLI. **Boron Modified Nano Bioactive Glass Incorporated Polymeric Microspheres for Hard Tissue Engineering**
MOONESİ RAD R., GÜLDİKEN M., KESKİN D., EVİS Z., ŞAHİN S., TEZCANER A.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XLII. **Development of Injectable Cell Carrier Systems for Bone Tissue Engineering**
AYDOĞDU KAYADELEN H., KESKİN D., BARAN E. T., TEZCANER A.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XLIII. **Bacterial Cellulose Based Scaffolds for Bone Tissue Engineering**
ATİLA D. H., KARATAŞ A., KESKİN D., TEZCANER A.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XLIV. **Development of Calcitriol Doxorubicin Co loaded Liposomes and Investigation of in vitro Cytotoxicity on Namalwa Cells**
DALGIÇ A. D., TEZCANER A., Elçi P., Sarper M., Arpacı F., Avcu F., KESKİN D.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015
- XLV. **Development of Calcitriol Doxorubicin Co loaded Liposomes**
DALGIÇ A. D., TEZCANER A., ELÇİ P., SARPER M., ARPACI F., AVCU F., KESKİN D.

21st Biomaterials Science and Technology, 22 - 24 October 2015

- XLVI. **In vitro Characterization of Clinoptilolite poly caprolactone poly ethylene glycol poly caprolactone Based Bone Tissue Scaffolds**
PAZARÇEVİREN A. E., KESKİN D., ERDEMLİ Ö., TEZCANER A.
21st Biomaterials Science and Technology Symposium, 22 - 24 October 2015, pp.97
- XLVII. **Asymmetric bi layer composite membrane containing Boron modified nano bioactive glass for guided bone regeneration**
MOONESİ REZA R., ATİLA D. H., KESKİN D., EVİS Z., TEZCANER A.
4th International Conference and Exhibition on Materials Science and Engineering, 14 - 16 September 2015, vol.4, pp.4
- XLVIII. **Modified Citrus Pectin and Silk Fibroin Based Scaffolds for Bone Tissue Engineering Applications**
SİBEL A., KESKİN D., AKDAĞ A., TEZCANER A.
27th European Conference on Biomaterials, Krakow, Poland, 30 August - 03 September 2015, pp.653
- XLIX. **Bilayered scaffolds incorporated with gold nanoparticles Fabrication characterization and toxicological evaluation as potential skin substitutes**
AKTÜRK Ö., KESKİN D.
27th European Conference on Biomaterials, 30 August - 03 September 2015
- L. **Fabrication and Characterization of Clinoptilolite PCL PEG PCL Composite Scaffolds for Bone Tissue Engineering**
PAZARÇEVİREN A. E., ERDEMLİ Ö., KESKİN D., TEZCANER A.
27th European Conference on Biomaterials, Krakow, Poland, 30 August - 03 September 2015, pp.98
- LI. **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

Supported Projects

KESKİN D., TEZCANER A., URHAL M. B., YEŞİLYURT B. N., Project Supported by Higher Education Institutions, Chitosan Based Injectable Hydrogels for Bone and Cartilage Tissue Engineering Applications, 2022 - Continues

Evis Z., Tezcaner A., Keskin D., Project Supported by Public Organizations in Other Countries, Additive manufacturing of Mg-based porous tissue scaffolds, 2021 - 2025

EVİS Z., TEZCANER A., KESKİN D., AKBABA S., Project Supported by Higher Education Institutions, Development of Antibacterial Immunomodulatory and Angiogenic Wound Dressing Enriched with Exosomes and NO Releasing BNNF, 2021 - 2024

KESKİN D., AKKAD S., DALGIÇ A. D., Project Supported by Higher Education Institutions, Menadione (Vitamin K3) and Doxorubicin dual loaded liposomes for enhanced anticancer effect, 2022 - 2023

KESKİN D., NOSRATİNİA A., EVİS Z., Project Supported by Higher Education Institutions, FABRICATION AND EVALUATION OF SULFONATED POLY(ETHER ETHER KETONE) AND FLUORIDATED HYDROXYAPATITE COMPOSITE SCAFFOLDS FOR BONE TISSUE ENGINEERING, 2022 - 2022

KESKİN D., ERMİŞ ŞEN M., MONIRIZAD M., Project Supported by Higher Education Institutions, Effect of Internal Architecture of 3D Printed Polylactic acid PLA Scaffolds with Collagen and Bioglass Coating for Bone Tissue Engineering, 2021 - 2022

KESKİN D., GÜNER M. B., Project Supported by Higher Education Institutions, KARDİYAK DOKU MÜHENDİSLİĞİ İÇİN KENDİNİ ONARABİLEN HİDROJELLER, 2021 - 2022

Pazarçeviren A. E., Evis Z., Tezcaner A., Keskin D., Yaprakçı M. V., Altunbaş K., BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, Bor Katkılı Hidroksiapatit ve Trikalsiyum Fosfatın Aljinat/Jelatin Karışımı ile Beraber Titanyum Alaşımı Üzerine Kaplanması: Mikroyapı, Mekanik, İn vitro ve İn vivo Özelliklerinin İncelenmesi, 2018 - 2022

Tezcaner A., Yağcı A., Altunbaş K., Keskin D., TUBITAK Project, Amniyotik Sıvı Kökenli Mezenkimal Kök Hücreler, İpek Fibroin ve TGFβ3: Aşıl Tendon İyileşmesinde Potansiyel Adaylar, 2017 - 2022

KESKİN D., ALTUNORDU G., Project Supported by Higher Education Institutions, KEMİK DOKU MÜHENDİSLİĞİNDE KULLANILMAK ÜZERE BİYOAKTİF SERAMİKLERİN SENTEZİ VE KARAKTERİZASYONU, 2018 - 2020

KESKİN D., DENİZ DALGIÇ A., Project Supported by Higher Education Institutions, KEMİK DOKU MÜHENDİSLİĞİ İÇİN ÇİFT TERAPÖTİK ETKİLİ İLAÇ YÜKLÜ MATRİSLER, 2018 - 2019

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

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

KESKİN D., Project Supported by Higher Education Institutions, MERKEZKAÇ KUVVETİYLE EĞİRME YÖNTEMİ İLE KEMİK DOKU MÜHENDİSLİĞİ UYGULAMALARI İÇİN PHBV BAZLI KOMPOZİT FİBERLERİN GELİŞTİRİLMESİ, 2017 - 2017

KESKİN D., Project Supported by Higher Education Institutions, KEMİK DOKU MÜHENDİSLİĞİ İÇİN ÇİFT TERAPÖTİK ETKİLİ İLAÇ YÜKLÜ MATRİSLER, 2017 - 2017

KESKİN D., Project Supported by Higher Education Institutions, BİYOAKTİF AJANLARIN LOKAL SALIMI İLE KEMİK DOKU MÜHENDİSLİĞİNİN GELİŞTİRİLMESİ, 2017 - 2017

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

TEZCANER A., KESKİN D., TUBITAK Project, Dentin Rejenerasyonuna Yönelik Bor ile Modifiye Edilmiş Nanobiyocam İçeren Taşıyıcılar Geliştirilmesi ve Karakterizasyonu, 2014 - 2017

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

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

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

KESKİN D., DALGIÇ A. D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

GÜNDÜZ U., NABIOĞLU A., Ünsoy G., KESKİN D., Yalçın Azarkan S., MUTLU P., Project Supported by Higher Education Institutions, NEK6'nın Apoptoz, Hücre Döngüsü ve İnvazyon Üzerindeki Etkisinin Prednizon Dirençli Multipl Miyelom Hücre Hattında İncelenmesi, 2014 - 2015

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

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

KESKİN D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

KESKİN D., Barçın Z., TEZCANER A., Project Supported by Higher Education Institutions, Kan Beyin Bariyeri Ötesine Kontrollü Salım Sistemleri ile İlaç Taşınması, 2013 - 2014

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

KESKİN D., ÖZDEMİR S., Project Supported by Higher Education Institutions, METSİLLİN DİRENÇLİ STAPHYLOCOCCUS AUREUS (MRSA) KAYNAKLI KEMİK İLİĞİ İLTİHABININ TEDAVİSİNE YÖNELİK TEİKOPLANİN YÜKLÜ BİYOBOZUNUR MİKROKÜRE FORMUNDA KONTROLLÜ İLAÇ SALIM SİSTEMİ GELİŞTİRİLMESİ, 2013 - 2013

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

KESKİN D., LIMASALE Y. D. P., Project Supported by Higher Education Institutions, FUNCTIONAL APPLICATION OF IMMUNOLIPOSOMES ENCAPSULATING CELECOXIB ON COLON CANCER CELL LINES, 2013 - 2013

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

TEZCANER A., ÖZEN C., GÜLDİKEN M., KESKİN D., DURUCAN C., ATAOL S., Project Supported by Higher Education Institutions, Kemik Hasarlarının Tedavisine Yönelik Simvastatin Yüklü Mikrot taşıyıcıların Geliştirilmesi Ve Karakterizasyonu, 2012 - 2013

Patent

KEMİK İMPLANTLARI İÇİN BİR KAPLAMA YÖNTEMİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2021 009750 B , Standard Registration, 2023

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 , Standard Registration, 2020

TEZCANER A., KESKİN D., Tümöre Hedefli Lipozomal İlaç Taşıma Sistemi, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2015

TEZCANER A., KESKİN D., Mikroküre Formunda Polimerik İlaç Taşıyıcı, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2015

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2023

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H-Index (Scopus): 29

Non Academic Experience

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