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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik, Turkey 1990 - 1994

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 1987 - 1989

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1983 - 1987

Research Areas

Biomedical Engineering, Clinical Engineering, Metallurgical and Materials Engineering, Material science and engineering, Biomaterials, Nanomaterials, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Magnetic gelatin nanoparticles as a biocompatible carrier system for small interfering RNA in human colorectal cancer: Synthesis, optimization, characterization, and cell viability studies**
Selimovic A., Kara G., Denkbas E. B.
Materials Today Communications, vol.33, 2022 (SCI-Expanded)
- II. **Development of novel poly-l-lysine-modified sericin-coated superparamagnetic iron oxide nanoparticles as siRNA carrier**
Kara G., Malekghasemi S., Ozpolat B., Denkbas E. B.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.630, 2021 (SCI-Expanded)
- III. **Prevention of urinary infection through the incorporation of silver-ricinoleic acid-polystyrene nanoparticles on the catheter surface**
Koc H., Kilicay E., KARAHALİLOĞLU Z., Hazer B., DENKBAŞ E. B.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.36, no.3, pp.385-405, 2021 (SCI-Expanded)
- IV. **The preparation of chitosan membrane improved with nanoparticles based on unsaturated fatty acid for using in cancer-related infections**
Kizaloglu A., Kilicay E., KARAHALİLOĞLU Z., Hazer B., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.35, pp.328-350, 2020 (SCI-Expanded)
- V. **Potent bioactive bone cements impregnated with polystyrene-g-soybean oil-AgNPs for advanced**

bone tissue applications

Ilhan E., KARAHALİLOĞLU Z., KILIÇAY E., Hazer B., DENKBAŞ E. B.

MATERIALS TECHNOLOGY, vol.35, no.3, pp.179-194, 2020 (SCI-Expanded)

- VI. **Designing siRNA-conjugated plant oil-based nanoparticles for gene silencing and cancer therapy**
Anilmis N. M., KARA G., KILIÇAY E., Hazer B., DENKBAŞ E. B.
JOURNAL OF MICROENCAPSULATION, vol.36, no.7, pp.635-648, 2019 (SCI-Expanded)
- VII. **Porous polyurethane film fabricated via the breath figure approach for sustained drug release**
Daban G., BAYRAM C., Bozdogan B., DENKBAŞ E. B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.25, 2019 (SCI-Expanded)
- VIII. **Transscleral Delivery of Bevacizumab-Loaded Chitosan Nanoparticles**
Ugurlu N., AŞIK M. D., ÇAKMAK H. B., Tuncer S., TÜRK M., Cagil N., DENKBAŞ E. B.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.15, no.4, pp.830-838, 2019 (SCI-Expanded)
- IX. **Experimental Exploration of Thermostable Poly (-Hydroxybutyrates) by Geobacillus kaustophilus Using Box-Behnken Design**
Gedikli S., ÇELİK P. A., DEMİRBILEK M., Mutlu M. B., DENKBAŞ E. B., ÇABUK A.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.27, no.2, pp.245-255, 2019 (SCI-Expanded)
- X. **Saponin loaded montmorillonite-human serum albumin nanocomposites as drug delivery system in colorectal cancer therapy**
AKBAL Ö., VURAL T., MALEKGHAŞEMI S., Bozdogan B., DENKBAŞ E. B.
APPLIED CLAY SCIENCE, vol.166, pp.214-222, 2018 (SCI-Expanded)
- XI. **Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen**
KIZILTAN D., VURAL T., BAYRAM C., OZTURK S., BOZDOGAN B., YAMAN Y. T., ABACI S., DENKBAŞ E. B.
ANALYTICAL SCIENCES, vol.34, no.7, pp.789-794, 2018 (SCI-Expanded)
- XII. **Peptide nanoparticles (PNPs) modified disposable platform for sensitive electrochemical cytosensing of DLD-1 cancer cells**
YAMAN Y. T., Akbal Ö., BOLAT G., BOZDOGAN B., DENKBAŞ E. B., ABACI S.
Biosensors and Bioelectronics, vol.104, pp.50-57, 2018 (SCI-Expanded)
- XIII. **Synthesis and comparison of crosslinked peptide nanoparticles based on diphenylalanine derivatives**
BOZDOGAN B., AKBAL Ö., VURAL T., DENKBAŞ E. B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.9, 2018 (SCI-Expanded)
- XIV. **Electrochemical immunoassay for detection of prostate specific antigen based on peptide nanotube-gold nanoparticle-polyaniline immobilized pencil graphite electrode**
VURAL T., YAMAN Y. T., OZTURK S., ABACI S., DENKBAŞ E. B.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.510, pp.318-326, 2018 (SCI-Expanded)
- XV. **Sensitive electrochemical detection of fenitrothion pesticide based on self-assembled peptide-nanotubes modified disposable pencil graphite electrode**
Bolat G., Abaci S., Vural T., Bozdogan B., Denkbaş E. B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.809, pp.88-95, 2018 (SCI-Expanded)
- XVI. **Enhanced antitumor activity of epigallocatechin gallate-conjugated dual-drug-loaded polystyrene-polysoyaoil-diethanol amine nanoparticles for breast cancer therapy**
KARAHALİLOĞLU Z., KILIÇAY E., Alpaslan P., HAZER B., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.33, no.1, pp.38-62, 2018 (SCI-Expanded)
- XVII. **Optimization of hyaluronic acid production and its cytotoxicity and degradability characteristics**
Gedikli S., Gungor G., Toptas Y., Sezgin D. E., DEMİRBILEK M., YAZIHAN N., ÇELİK P. A., DENKBAŞ E. B., BÜTÜN V., ÇABUK A.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.48, no.7, pp.610-618, 2018 (SCI-Expanded)
- XVIII. **Magnetic silk fibroin e-gel scaffolds for bone tissue engineering applications**
Karahaliloglu Z., YALCIN E., DEMİRBILEK M., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.32, no.6, pp.596-614, 2017 (SCI-Expanded)

- XIX. **Synthesis and characterization of amino acid-functionalized calcium phosphate nanoparticles for siRNA delivery**
BAKAN F., KARA G., Cakmak M. C., Cokol M., DENKBAŞ E. B.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.158, pp.175-181, 2017 (SCI-Expanded)
- XX. **Active nano/microbilayer hemostatic agents for diabetic rat bleeding model**
Karahaliloglu Z., DEMİR BİLEK M., ULUSOY I., Gumuskaya B., DENKBAŞ E. B.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.105, no.6, pp.1573-1585, 2017 (SCI-Expanded)
- XXI. **The effect of thymoquinone coating on adhesive properties of polypropylene mesh**
Aydin O., Aydinuraz K., Agalar F., Sahiner I. T., Agalar C., BAYRAM C., DENKBAŞ E. B., Atasoy P.
BMC SURGERY, vol.17, 2017 (SCI-Expanded)
- XXII. **Antibacterial chitosan/silk sericin 3D porous scaffolds as a wound dressing material**
Karahaliloglu Z., Kilicay E., DENKBAŞ E. B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.6, pp.1172-1185, 2017 (SCI-Expanded)
- XXIII. **Comparison of protein- and polysaccharide-based nanoparticles for cancer therapy: synthesis, characterization, drug release, and interaction with a breast cancer cell line**
Akbal O., Erdal E., VURAL T., Kavaz D., DENKBAŞ E. B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.2, pp.193-203, 2017 (SCI-Expanded)
- XXIV. **In vitro evaluation of antisense oligonucleotide functionalized core-shell nanoparticles loaded with -tocopherol succinate**
Kilicay E., Karahaliloglu Z., Alpaslan P., Hazer B., DENKBAŞ E. B.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.28, no.15, pp.1762-1785, 2017 (SCI-Expanded)
- XXV. **Novel layer-by-layer self-assembled peptide nanocarriers for siRNA delivery**
BOZDOGAN B., AKBAL Ö., ÇELİK E., Turk M., DENKBAŞ E. B.
RSC ADVANCES, vol.7, no.75, pp.47592-47601, 2017 (SCI-Expanded)
- XXVI. **Antisense oligonucleotide delivery to cancer cell lines for the treatment of different cancer types**
KILIÇAY E., Erdal E., HAZER B., TÜRK M., DENKBAŞ E. B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.8, pp.1938-1948, 2016 (SCI-Expanded)
- XXVII. **The effect of calcium chloride concentration on alginate/Fmoc-diphenylalanine hydrogel networks**
ÇELİK E., BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.66, pp.221-229, 2016 (SCI-Expanded)
- XXVIII. **Calcified and mechanically debilitated three-dimensional hydrogel environment induces hypertrophic trend in chondrocytes**
Celik E., BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.31, no.5, pp.498-512, 2016 (SCI-Expanded)
- XXIX. **Hemostatic activities of nano/microporous bilayer dressings in a femoral artery bleeding rat model**
KARAHALILOĞLU Z., DEMİR BİLEK M., Ulusoy I., GÜMÜŞKAYA ÖCAL B., DENKBAŞ E. B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.133, no.28, 2016 (SCI-Expanded)
- XXX. **Electrospun nanofiber reinforcement of dental composites with electromagnetic alignment approach**
Uyar T., ÇÖKELİLER D., Dugan M., KOÇUM İ. C., Karatay O., DENKBAŞ E. B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.62, pp.762-770, 2016 (SCI-Expanded)
- XXXI. **Concanavaline A conjugated bacterial polyester-based PHBHHx nanoparticles loaded with curcumin for breast cancer therapy**
KILIÇAY E., KARAHALILOĞLU Z., HAZER B., TEKİN İ. Ö., DENKBAŞ E. B.
JOURNAL OF MICROENCAPSULATION, vol.33, no.3, pp.274-285, 2016 (SCI-Expanded)
- XXXII. **Design of Xylose-Based Semisynthetic Polyurethane Tissue Adhesives with Enhanced Bioactivity Properties**
Balcioglu S., PARLAKPINAR H., VARDI N., DENKBAŞ E. B., Karaaslan M. G., Gulgen S., TAŞLIDERE E., KÖYTEPE S., ATEŞ B.

- ACS APPLIED MATERIALS & INTERFACES, vol.8, no.7, pp.4456-4466, 2016 (SCI-Expanded)
- XXXIII. **Surface-modified bacterial nanofibrillar PHB scaffolds for bladder tissue repair**
KARAHALİLOĞLU Z., DEMİRBİLEK M., ŞAM M., SAĞLAM N., Mizrak A. K., DENKBAŞ E. B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.1, pp.74-82, 2016 (SCI-Expanded)
- XXXIV. **Magnetically based nanocarriers in drug delivery**
DENKBAŞ E. B., ÇELİK E., ERDAL E., Kavaz D., AKBAL VURAL Ö., KARA G., BAYRAM C.
NANOBIOMATERIALS IN DRUG DELIVERY: APPLICATIONS OF NANOBIOMATERIALS, VOL 9, vol.9, pp.285-331, 2016 (SCI-Expanded)
- XXXV. **Evaluation of biocompatibility of random or aligned electrospun polyhydroxybutyrate scaffolds combined with human mesenchymal stem cells**
KOSE S., AERTS KAYA F. S. F., DENKBAŞ E. B., KORKUSUZ P., ÇETİNKAYA F. D.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.2, pp.410-419, 2016 (SCI-Expanded)
- XXXVI. **Antibacterial Nanostructured Polyhydroxybutyrate Membranes for Guided Bone Regeneration**
KARAHALİLOĞLU Z., ERCAN B., Taylor E. N., Chung S., DENKBAŞ E. B., Webster T. J.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.11, no.12, pp.2253-2263, 2015 (SCI-Expanded)
- XXXVII. **Preparation and in vitro/in vivo evaluation of cyclosporin A-loaded nanodecorated ocular implants for subconjunctival application**
PEHLIVAN S., Yavuz B., ÇALAMAK S., ULUBAYRAM K., KAFFASHI A., VURAL İ., Cakmak H. B., DURGUN M. E., DENKBAŞ E. B., UNLU N.
Journal of Pharmaceutical Sciences, vol.104, no.5, pp.1709-1720, 2015 (SCI-Expanded)
- XXXVIII. **Aligned bacterial PHBV nanofibrous conduit for peripheral nerve regeneration**
Demirbilek M., Sakar M., Karahaliloglu Z., Erdal E., YALCIN E., Bozkurt G., KORKUSUZ P., BİLGİÇ E., TEMUÇİN Ç. M., DENKBAŞ E. B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.43, no.4, pp.243-251, 2015 (SCI-Expanded)
- XXXIX. **Downregulation of ABCE1 via siRNA affects the sensitivity of A549 cells against chemotherapeutic agents**
KARA G., Tuncer S., TÜRK M., DENKBAŞ E. B.
MEDICAL ONCOLOGY, vol.32, no.4, 2015 (SCI-Expanded)
- XL. **Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution**
yalçın e., Gedikli S., ÇABUK A., KARAHALİLOĞLU Z., DEMİRBİLEK M., BAYRAM C., ŞAM M., SAĞLAM N., DENKBAŞ E. B.
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, vol.17, no.4, pp.921-934, 2015 (SCI-Expanded)
- XLI. **Therapeutic potential of inhibiting ABCE1 and eRF3 genes via siRNA strategy using chitosan nanoparticles in breast cancer cells**
Cengiz B. B., AŞIK M. D., KARA G., TÜRK M., DENKBAŞ E. B.
JOURNAL OF NANOPARTICLE RESEARCH, vol.17, no.4, 2015 (SCI-Expanded)
- XLII. **Chlorogenic Acid Containing Bioinspired Polyurethanes: Biodegradable Medical Adhesive Materials**
ATEŞ B., KÖYTEPE S., Karaaslan M. G., Balcioglu S., Gulgen S., DEMİRBİLEK M., DENKBAŞ E. B.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.64, no.12, pp.611-619, 2015 (SCI-Expanded)
- XLIII. **Nanofeatured silk fibroin membranes for dermal wound healing applications**
KARAHALİLOĞLU Z., ERCAN B., DENKBAŞ E. B., Webster T. J.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.103, no.1, pp.135-144, 2015 (SCI-Expanded)
- XLIV. **Nanostructured anti-bacterial poly-lactic-co-glycolic acid films for skin tissue engineering applications**
Karahaliloglu Z., Ercan B., Chung S., Taylor E., DENKBAŞ E. B., Webster T. J.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.102, no.12, pp.4598-4608, 2014 (SCI-Expanded)
- XLV. **EFFECTS OF ABCE1 DOWN-REGULATION BY RNAi ON CHEMOSENSITIVITY OF LUNG CANCER CELLS**
KARA G., Tuncer S., TÜRK M., DENKBAŞ E. B.
ANTICANCER RESEARCH, vol.34, no.10, pp.5986, 2014 (SCI-Expanded)
- XLVI. **The effect of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHHx) and human mesenchymal**

stem cell (hMSC) on axonal regeneration in experimental sciatic nerve damage

Sakar M., KORKUSUZ P., DEMİRBILEK M., Cetinkaya D. U., Arslan S., DENKBAŞ E. B., TEMUÇİN Ç. M., BİLGİÇ E., Hazer D. B., Bozkurt G.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.124, no.9, pp.685-696, 2014 (SCI-Expanded)

XLVII. Polyhydroxybutyrate and Hydroxyvalerate Production by Bacillus megaterium Strain A1 Isolated from Hydrocarbon-Contaminated Soil

Gungormedi G., Demirbilek M., Mutlu M. B., DENKBAŞ E. B., ÇABUK A.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.15, 2014 (SCI-Expanded)

XLVIII. Photocatalytic performance of melt-electrospun polypropylene fabric decorated with TiO₂ nanoparticles

KARAHALILOĞLU Z., Hacker C., DEMİRBILEK M., Seide G., DENKBAŞ E. B., Gries T.

JOURNAL OF NANOPARTICLE RESEARCH, vol.16, no.9, 2014 (SCI-Expanded)

XLIX. Disposable pencil graphite electrode modified with peptide nanotubes for Vitamin B-12 analysis

PALA B. B., VURAL T., Kuralay F., CIRAK T., BOLAT G., ABACI S., DENKBAŞ E. B.

APPLIED SURFACE SCIENCE, vol.303, pp.37-45, 2014 (SCI-Expanded)

L. Functionally Modified, Melt-Electrospun Thermoplastic Polyurethane Mats for Wound-Dressing Applications

Hacker C., KARAHALILOĞLU Z., Seide G., DENKBAŞ E. B., Gries T.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.8, 2014 (SCI-Expanded)

LI. Titania nanotubes with adjustable dimensions for drug reservoir sites and enhanced cell adhesion

CALISKAN N., BAYRAM C., ERDAL E., KARAHALILOĞLU Z., DENKBAŞ E. B.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.35, pp.100-105, 2014 (SCI-Expanded)

LII. Osteoblast response on co-modified titanium surfaces via anodization and electrospinning

BAYRAM C., DEMİRBILEK M., YALCIN E., Bozkurt M., Dogan M., DENKBAŞ E. B.

APPLIED SURFACE SCIENCE, vol.288, pp.143-148, 2014 (SCI-Expanded)

LIII. Plasma polymerization-modified bacterial polyhydroxybutyrate nanofibrillar scaffolds

KARAHALILOĞLU Z., DEMİRBILEK M., ŞAM M., Erol-Demirbilek M., SAĞLAM N., DENKBAŞ E. B.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.128, no.3, pp.1904-1912, 2013 (SCI-Expanded)

LIV. Electrohydrodynamic Printing of Silk Fibroin

BAYRAM C., Ahmad Z., DENKBAŞ E. B., Stride E., Edirisinghe M. J.

MACROMOLECULAR RESEARCH, vol.21, no.4, pp.339-342, 2013 (SCI-Expanded)

LV. Investigation of temperature sensitivity behaviors of water soluble polyacrylamides

UĞUZDOĞAN E., DENKBAŞ E. B., KABASAKAL O. S.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.6, pp.4374-4384, 2013 (SCI-Expanded)

LVI. Preparation and Characterization of Magnetically Responsive Bacterial Polyester Based Nanospheres for Cancer Therapy

ERDAL E., KAVAZ D., ŞAM M., DEMİRBILEK M., Demirbilek M. E., SAĞLAM N., DENKBAŞ E. B.

JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.8, no.5, pp.800-808, 2012 (SCI-Expanded)

LVII. Characterization and optimization of poly(3-hydroxybutyrate) produced by bacteria isolated from hydrocarbon polluted soil

Gungormedi G., DEMİRBILEK M., ÇABUK A., MUTLU M. B., ŞAM M., DENKBAŞ E. B.

NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

LVIII. Release of Magnetic Nanoparticles from Cell-Encapsulating Biodegradable Nanobiomaterials

Xu F., Inci F., Mullick O., Gurkan U. A., Sung Y., Kavaz D., Li B., DENKBAŞ E. B., Demirci U.

ACS NANO, vol.6, no.8, pp.6640-6649, 2012 (SCI-Expanded)

LIX. A PRACTICAL METHODOLOGY FOR IgG PURIFICATION VIA CHITOSAN BASED MAGNETIC NANOPARTICLES

Kavaz D., Odabas S., DENKBAŞ E. B., Vaseashta A.

DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES, vol.7, no.3, pp.1165-1177, 2012 (SCI-Expanded)

LX. Osteoblast Activity on Anodized Titania Nanotubes: Effect of Simulated Body Fluid Soaking Time

- BAYRAM C., DEMİRBILEK M., CALISKAN N., Demirbilek M. E., DENKBAŞ E. B.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.8, no.3, pp.482-490, 2012 (SCI-Expanded)
- LXI. **Comparative evaluation of cyclosporine A/HP beta CD-incorporated PLGA nanoparticles for development of effective ocular preparations**
AKSUNGUR AYDIN P., DEMİRBILEK M., DENKBAŞ E. B., Unlu N.
JOURNAL OF MICROENCAPSULATION, vol.29, no.6, pp.605-613, 2012 (SCI-Expanded)
- LXII. **Fabrication of Biomaterials via Controlled Protein Bubble Generation and Manipulation**
Ekemen Z., Chang H., Ahmad Z., BAYRAM C., Rong Z., DENKBAŞ E. B., Stride E., Vadgama P., Edirisinghe M.
BIOMACROMOLECULES, vol.12, no.12, pp.4291-4300, 2011 (SCI-Expanded)
- LXIII. **Preparation and characterization of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHHX) based nanoparticles for targeted cancer therapy**
KILIÇAY E., DEMİRBILEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.44, no.3, pp.310-320, 2011 (SCI-Expanded)
- LXIV. **Carbon nanotube-chitosan modified disposable pencil graphite electrode for Vitamin B-12 analysis**
KURALAY F., VURAL T., BAYRAM C., DENKBAŞ E. B., ABACI S.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.87, no.1, pp.18-22, 2011 (SCI-Expanded)
- LXV. **Oxidative Stress Parameters of L929 Cells Cultured on Plasma-Modified PDLA Scaffolds**
Demirbilek M. E., Demirbilek M., Karahaliloglu Z., Erdal E., VURAL T., YALÇIN E., SAĞLAM N., DENKBAŞ E. B.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.164, no.6, pp.780-792, 2011 (SCI-Expanded)
- LXVI. **Development and characterization of Cyclosporine A loaded nanoparticles for ocular drug delivery: Cellular toxicity, uptake, and kinetic studies**
AKSUNGUR AYDIN P., DEMİRBILEK M., DENKBAŞ E. B., Vandervoort J., Ludwig A., Unlu N.
JOURNAL OF CONTROLLED RELEASE, vol.151, no.3, pp.286-294, 2011 (SCI-Expanded)
- LXVII. **Acetylsalicylic Acid Loading and Release Studies of the PMMA-g-Polymeric Oils/Oily Acids Micro and Nanospheres**
KILIÇAY E., ÇAKMAKLI B., HAZER B., DENKBAŞ E. B., AÇIKGÖZ B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.119, no.3, pp.1610-1618, 2011 (SCI-Expanded)
- LXVIII. **Antibacterial Agent Loaded Fungal Polymer for Use as a Wound Dressing**
GÜVEN E., ŞAM M., ERDAL E., KARAHALILOĞLU Z., GÜZEL CANDAN D., SAĞLAM N., DENKBAŞ E. B.
Hacettepe Journal of Biology and Chemistry, pp.297-303, 2011 (SCI-Expanded)
- LXIX. **Preparation and physical/electrochemical characterization of carbon nanotube-chitosan modified pencil graphite electrode**
VURAL T., KURALAY F., BAYRAM C., ABACI S., DENKBAŞ E. B.
APPLIED SURFACE SCIENCE, vol.257, no.2, pp.622-627, 2010 (SCI-Expanded)
- LXX. **In vitro biocompatibility of plasma-aided surface-modified 316L stainless steel for intracoronary stents**
BAYRAM C., Mizrak A. K., Akturk S., KURSAKLIOĞLU H., İYISOY A., İFRAN A., DENKBAŞ E. B.
BIOMEDICAL MATERIALS, vol.5, no.5, 2010 (SCI-Expanded)
- LXXI. **Fetal Allogeneic Umbilical Cord Cell Transplantation Improves Motor Function in Spinal Cord-Injured Rats**
Erdogan B., Bavbek M., Sahin I. F., Caner H., ÖZEN Ö., DENKBAŞ E. B., ALTINÖRS M. N.
TURKISH NEUROSURGERY, vol.20, no.3, pp.286-294, 2010 (SCI-Expanded)
- LXXII. **Bleomycin Loaded Magnetic Chitosan Nanoparticles as Multifunctional Nanocarriers**
Kavaz D., Odabas S., GÜVEN E., DEMİRBILEK M., DENKBAŞ E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.25, no.3, pp.305-318, 2010 (SCI-Expanded)
- LXXIII. **The use of polyethyleneglycolmethacrylate-co-vinylimidazole (PEGMA-co-VI) microspheres for the removal of nickel(II) and chromium(VI) ions**
UĞUZDOĞAN E., DENKBAŞ E. B., KABASAKAL O. S.
JOURNAL OF HAZARDOUS MATERIALS, vol.177, pp.119-125, 2010 (SCI-Expanded)
- LXXIV. **Preparation and characterization of polyethyleneglycolmethacrylate (PEGMA)-co-vinylimidazole (VI) microspheres to use in heavy metal removal**

UĞUZDOĞAN E., DENKBAŞ E. B., Oeztuerk E., TUNCEL S. A., KABASAKAL O. S.

JOURNAL OF HAZARDOUS MATERIALS, vol.162, no.2-3, pp.1073-1080, 2009 (SCI-Expanded)

- LXXV. **NANOTECHNOLOGY IN MEDICINE AND HEALTH SCIENCES**
DENKBAŞ E. B., Vaseashta A.
NANO, vol.3, no.4, pp.263-269, 2008 (SCI-Expanded)
- LXXVI. **Preparation and characterization of triamcinolone acetonide-loaded poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHx) microspheres**
BAYRAM C., DENKBAŞ E. B., Kilicay E., Hazer B., ÇAKMAK H. B., NODA I.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.23, no.4, pp.334-347, 2008 (SCI-Expanded)
- LXXVII. **Antimicrobial activity of cefazolin-impregnated mesh grafts**
KILIC D., AGALAR C., ÖZTURK E., Denkbas E. B., CIME A., AGALAR F.
ANZ JOURNAL OF SURGERY, vol.77, no.4, pp.256-260, 2007 (SCI-Expanded)
- LXXVIII. **Inhibition of Staphylococcus epidermidis colonization with fusidic acid-impregnated catheters**
AGALAR C., KILIC D., CEKEN S., ÖZDOĞAN M., YASAR E., ÖZTURK E., Denkbas E. B.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.22, no.2, pp.160-173, 2007 (SCI-Expanded)
- LXXIX. **Preparation and characterization of thermosensitive submicron particles for gene delivery**
ÖZDEMİR N., TUNCEL A., KANG M., Denkbas E. B.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.6, pp.2804-2810, 2006 (SCI-Expanded)
- LXXX. **POLY 652-Alginate/chitosan polyionic complexes with different geometries to be used in drug delivery and tissue engineering applications**
DENKBAŞ E. B.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.232, 2006 (SCI-Expanded)
- LXXXI. **POLY 426-Preparation and characterization of biodegradable nanoparticles for targeted cancer therapy**
ÖZTÜRK E., DENKBAŞ E. B., Berestein G. L.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.232, 2006 (SCI-Expanded)
- LXXXII. **Perspectives on: Chitosan drug delivery systems based on their geometries**
Denkbas E. B., Ottenbrite R. M.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.21, no.4, pp.351-368, 2006 (SCI-Expanded)
- LXXXIII. **Gold and gold-palladium coated polypropylene grafts in a S-epidermidis wound infection model**
SAYGUN O., AGALAR C., AYDINURAZ K., Agalar F., DAPHAN C., SAYGUN M., CEKEN S., AKKUS A., Denkbas E. B.
JOURNAL OF SURGICAL RESEARCH, vol.131, no.1, pp.73-79, 2006 (SCI-Expanded)
- LXXXIV. **Chitosan-coated alginate membranes for cultivation of limbal epithelial cells to use in the restoration of damaged corneal surfaces**
ÖZTURK E. B., ERGUN M., ÖZTURK Z., NUROZLER A., KECECI K., ÖZDEMİR N., Denkbas E. B.
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.29, no.2, pp.228-238, 2006 (SCI-Expanded)
- LXXXV. **A new temperature-sensitive polymer: Poly(ethoxypropylacrylamide)**
UGUZDOĞAN E., CAMLI T., KABASAKAL O., PATIR S., ÖZTURK E., Denkbas E. B., TUNCEL A.
EUROPEAN POLYMER JOURNAL, vol.41, no.9, pp.2142-2149, 2005 (SCI-Expanded)
- LXXXVI. **Preparation and characterization of Mitomycin-C loaded chitosan-coated alginate microspheres for chemoembolization**
MISIRLI Y., ÖZTURK E., KURSAKLIOĞLU H., Denkbas E. B.
JOURNAL OF MICROENCAPSULATION, vol.22, no.2, pp.167-178, 2005 (SCI-Expanded)
- LXXXVII. **Norfloxacin-loaded chitosan sponges as wound dressing material**
Denkbas E. B., ÖZTURK E., ÖZDEMİR N., KECECI K.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.18, no.4, pp.291-303, 2004 (SCI-Expanded)
- LXXXVIII. **Mitomycin-C-loaded alginate carriers for bladder cancer chemotherapy**
Denkbas E. B., ÖZDEMİR N., ÖZTURK E., EROĞLU M., ACAR A.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.19, no.1, pp.33-44, 2004 (SCI-Expanded)
- LXXXIX. **Bioadhesive drug carriers for postoperative chemotherapy in bladder cancer**
ÖZTURK E., EROĞLU M., ÖZDEMİR N., Denkbas E. B.

- BIOMATERIALS: FROM MOLECULES TO ENGINEERED TISSUES, vol.553, pp.231-242, 2004 (SCI-Expanded)
- XC. **Stimuli-responsive properties of aminophenylboronic acid-carrying thermosensitive copolymers**
UGUZDOGAN E., KAYI H., Denkbaz E. B., PATIR S., TUNCEL A.
POLYMER INTERNATIONAL, vol.52, no.5, pp.649-657, 2003 (SCI-Expanded)
- XCI. **EGF loaded chitosan sponges as wound dressing material**
Denkbaz E. B., OZTURK E., OZDEMIR N., KECECI K., ERGUN M.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.18, no.3, pp.177-190, 2003 (SCI-Expanded)
- XCII. **Human serum albumin (HSA) adsorption with chitosan microspheres**
Denkbaz E. B., ODABASI M., KILICAY E., OZDEMIR N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.86, no.12, pp.3035-3039, 2002 (SCI-Expanded)
- XCIII. **RNA-Sensitive N-isopropylacrylamide/vinylphenylboronic acid random copolymer**
UGUZDOGAN E., Denkbaz E. B., TUNCEL A.
MACROMOLECULAR BIOSCIENCE, vol.2, no.5, pp.214-222, 2002 (SCI-Expanded)
- XCIV. **Design and evaluation of a mucoadhesive therapeutic agent delivery system for postoperative chemotherapy in superficial bladder cancer**
EROGLU M., IRMAK S., ACAR A., Denkbaz E. B.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.235, pp.51-59, 2002 (SCI-Expanded)
- XCV. **Magnetic chitosan microspheres: preparation and characterization**
Denkbaz E. B., KILICAY E., BIRLIKSEVEN C., OZTURK E.
REACTIVE & FUNCTIONAL POLYMERS, vol.50, no.3, pp.225-232, 2002 (SCI-Expanded)
- XCVI. **Interaction of cultured chondrocytes with chitosan scaffold**
SENKOYLU A., SIMSEK A. B., SAHIN F., MENEVSE S., OZOGUL C., Denkbaz E. B., PISKIN E.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.16, no.2, pp.136-144, 2001 (SCI-Expanded)
- XCVII. **Implantable 5-fluorouracil loaded chitosan scaffolds prepared by wet spinning**
Denkbaz E. B., SEYYAL M., PISKIN E.
JOURNAL OF MEMBRANE SCIENCE, vol.172, pp.33-38, 2000 (SCI-Expanded)
- XCVIII. **Chitosan microspheres and sponges: Preparation and characterization**
Denkbaz E. B., ODABASI M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.76, no.11, pp.1637-1643, 2000 (SCI-Expanded)
- XCIX. **5-fluorouracil loaded chitosan microspheres for chemoembolization**
Denkbaz E. B., SEYYAL M., PISKIN E.
JOURNAL OF MICROENCAPSULATION, vol.16, no.6, pp.741-749, 1999 (SCI-Expanded)
- C. **Embolization with polyhydroxybutyrate (PHB) microspheres: In-vivo studies**
KASSAB A., PISKIN E., BILGIC S., Denkbaz E. B., XU K.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.14, no.4, pp.291-303, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effect of the nanofilled adhesive systems on shear bond strength of all ceramics to dentin**
KEYF F., ÖZLÜ Ş., VURAL T., DENKBAŞ E. B.
SRM Journal of Research in Dental Sciences, vol.6, pp.75-81, 2015 (Peer-Reviewed Journal)
- II. **Preparation and Characterization of Polyhydroxybutyrate Scaffolds to be Used in Tissue Engineering Applications**
GÜVEN E., DEMİRBILEK M., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DENKBAŞ E. B.
Hacettepe Journal of Biology and Chemistry, vol.4, pp.305-311, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nanotechnology in Sports Medicine**

BAYRAM C., IŞIKLI C., DENKBAŞ E. B.

in: Sports Injuries Prevention Diagnosis Treatment and Rehabilitation, Mahmut Nedim Doral; Jon Karlsson, Editor, Springer, pp.3195-3202, 2015

II. PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS

KAVAZ D., ÇIRAK T., GÜVEN E., BAYRAM C., DENKBAŞ E. B.

in: FUNCTIONALIZED NANOSCALE MATERIALS DEVICES AND SYSTEMS, Vaseashta, A; Milhailescu, IN, Editor, SPRINGER, Dordrecht, pp.313-320, 2008

III. PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS

KAVAZ D., ÇIRAK T., GÜVEN E., BAYRAM C., DENKBAŞ E. B.

in: NATO Science for Peace and Security Series B, Vaseashta, A Milhailescu, IN, Editor, NATO Science for Peace and Security Series B-Physics and Biophysics, pp.313-320, 2008

Refereed Congress / Symposium Publications in Proceedings

I. Biosynthesis of metallic nanoparticles: A comparative optimization study for plant leaf extracts and their biological assays

Korpe D. A., Iseri O. D., DUMAN M., DENKBAŞ E. B., ŞAHİN F. İ., Haberal M.

European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231

II. Porous Thermoplastic Polyurethane Films by Breath Figure Approach

DABAN G., BAYRAM C., DEMİRBILEK M., DENKBAŞ E. B.

MACRO 2016 WORLD POLYMER CONGRESS, 17 - 21 July 2016

III. Effect of Alginate Incorporated Fmoc FF Hydrogels on Chondrocyte Behavior

ÇELİK E., BAYRAM C., AKÇAPINAR R., TÜRK M., DENKBAŞ E. B.

TERMIS 4th World Congress, 8 - 11 September 2015, pp.227

IV. Effect of Alginate Incorporated Fmoc-FF Hydrogels on Chondrocyte Behaviour

ÇELİK E. E., BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.

4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21

V. Polymeric scaffolds with different alignment and their interactions with bone marrow derived mesenchymal stem cells

KÖSE S., AERTS KAYA F. S. F., DENKBAŞ E. B., KORKUSUZ P., ÇETİNKAYA F. D.

1. Kök Hücre ve Hücreyel Tedaviler Kongresi, Kocaeli, Turkey, 20 - 23 March 2014

VI. Polymeric Scaffolds with Different Alignment And Their Interactions With Bone Marrow-Derived Mesenchymal Stem Cells

KÖSE S., AERTS KAYA F. S. F., DENKBAŞ E. B., KORKUSUZ P., ÇETİNKAYA F. D.

ISEH annual meeting 2013, 22 - 25 August 2013, vol.41, pp.62

VII. Polymeric scaffolds with different alignment and their interactions with bone marrow derived mesenchymal stem cells

DENKBAŞ E. B., KORKUSUZ P.

ISEH 42nd Annual Scientific Meeting/Experimental Hematology, 1 - 04 May 2013

VIII. Ciliates in Nanotechnology A Separation Experiment by Using Magnetic Nanoparticles

Eyice N. D., KAVAZ D., DEMİRBILEK M., DENKBAŞ E. B., ÇAPAR DİNÇER S.

Nano TR VIII, 8th Nanotechnology Congress, Ankara, Turkey, 25 - 28 June 2012

IX. Poly lactic acid poly ethylene glycol block copolymer nanoparticles for potential anti cancer drug carrier

KILIÇAY E., GÜVEN E., Akkirman Z., DENKBAŞ E. B., HAZER B.

NANOTR VIII 8th Nanoscience and Nanotechnology Congress, Ankara, Turkey, 25 - 29 June 2012

X. Nanoplatforms for Detection, Remediation and Protection Against Chem-Bio Warfare Nanoplatforms A gainst Chem-Bio Warfare

DENKBAŞ E. B., BAYRAM C., Kavaz D., Cirak T., DEMİRBILEK M.

Conference on Technological Innovations in Detection and Sensing of Chemical, Biological, Radiological, Nuclear

Threats and Ecological Terrorism, Chisinau, Moldova, 6 - 17 June 2010, pp.191-203

- XI. **THE EFFECT OF POLY(3-HYDROXYBUTYRATE-CO-3-HYDROXYHEXANOATE)(PHBHHX) AND HUMAN MESENCHYMAL STEM CELL (hMSC) ON AXONAL REGENERATION IN EXPERIMENTAL SCIATIC NERVE DAMAGE**
Sakar M., KORKUSUZ P., Cetinkaya D., DENKBAŞ E. B., TEMUÇİN Ç. M., Hazer D. B., Bozkurt G.
29th Annual National Neurotrauma Symposium, Florida, United States Of America, 10 - 13 July 2011, vol.28
- XII. **Etoposide Loaded Poly 3 Hydroxybutyrate co 3 Hydroxyhexanoate PHBHHx Nanoparticles for Cancer Therapy**
KILIÇAY E., DEMİRBİLEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.
Second World Congress IANM II Nanomed 2010, Antalya, Turkey, 3 - 06 October 2010
- XIII. **Etoposid Loaded Poly 3 hydroxybutyrate co 3 hydroxyhexanoate PHBHHX Nanoparticles for Cancer Therapy**
KILIÇAY E., DEMİRBİLEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.
International Academy of Nanomedicine. Second World Congress, Antalya, Turkey, 3 - 06 September 2010
- XIV. **Preparation and Characterization of Bacterial Polyester Based Nanoparticles for Targeted Delivery of Etoposide**
KILIÇAY E., GÜVEN E., TÜRK M., HAZER B., DENKBAŞ E. B.
NanoTR6, 6th Nanoscience and Nanotechnology Conference, İzmir-Çeşme, Turkey, 15 - 18 June 2010
- XV. **Preparation and Characterization of Polyhydroxybutyrate Scaffolds to be Used in Tissue Engineering Applications**
GÜVEN E., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DEMİRBİLEK M., DENKBAŞ E. B.
14th Biomedical Science & Technology Symposium, Muğla, Turkey, 3 - 07 May 2008
- XVI. **Preparation and Characterization of Polyhydroxybutyrate Scaffoldsto be Used in Tissue Engineering Applications**
GÜVEN E., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DEMİRBİLEK M., DENKBAŞ E. B.
14th Biomedical Science & Technology Symposium, Muğla, Turkey, 3 - 07 May 2008
- XVII. **PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS**
Kavaz D., Cirak T., ÖZTÜRK E., BAYRAM C., DENKBAŞ E. B.
NATO Advanced Study Institute on Functionalized Nanoscale Materials, Devices and Systems for Chem-Bio Sensors, Photonics and Energy Generation and Storage, Sinaia, Romania, 4 - 15 June 2007, pp.313-320
- XVIII. **Biocompatibilty assessment of alginate chitosan scaffolds as tissue engineering matrices**
ÖZDEMİR N., BAYRAM C., YILMAZ Ş., GÜVEN E., DENKBAŞ E. B.
8th International Conference of the European Chitin Society, 8 - 11 September 2007
- XIX. **Poly Lactide Nanospheres for Cancer Therapy**
GÜVEN E., BAYRAM C., ÖZÇETİN A., KAVAZ D., ÇIRAK T., DENKBAŞ E. B.
13th International Pharmaceutical Techniques , Hacettepe University, Antalya, 10-13 September, 2006., 10 - 13 September 2006
- XX. **Biyoteknoloji uygulamalarında polimerik nanotaşıyıcılar**
DENKBAŞ E. B., GÜVEN E., ÖZDEMİR N., MISIRLI Y., BAYRAM C., ÖZÇETİN A., KAVAZ D.
Hacettepe Üniversitesi Nanoteknoloji Çalıştayı, Turkey, 27 - 28 June 2006
- XXI. **Enzim immobilizasyonu için manyetik özelliğe sahip biyopolimerik mikrokürelerin hazırlanması ve karakterizasyonu**
MISIRLI Y., ÖZBEY T., GÜVEN E., ÖZDEMİR N., ÖZÇETİN A., ZENGİN F., DENKBAŞ E. B.
I. Ulusal Afinite Teknikleri Kongresi, Turkey, 22 - 24 June 2005
- XXII. **Preparation and characterization of thermosensitive polymeric nanoparticles for gene delivery**
ÖZDEMİR N., GÜVEN E., TUNCEL S. A., DENKBAŞ E. B.
NATO ASI functional properties of nanostructured materials, 3 - 14 June 2005
- XXIII. **Ayırma saflaştırma prosesleri için kitosan kaplı magnetik aljinat mikrokürelerin hazırlanması ve karakterizasyonu**
MISIRLI Y., ÖZBEY T., GÜVEN E., ÖZDEMİR N., DENKBAŞ E. B.
II. Ulusal HPLC ve Diğer Ayırma Teknikleri Sempozyumu, Turkey, 7 - 09 October 2004

- XXIV. **Drug Loaded alginate Carriers for Postoperative Chemotherapy After Transurethral Resection TUR in Bladder Cancer**
DENKBAŞ E. B., EROĞLU M., ACAR A., GÜZEL M., ÖZDEMİR N., GÜVEN E.
X. International Symposium on Biomedical Science and Technology, 10 - 12 October 2003
- XXV. **Magnetik kitosan mikrokürelerin bakır uzaklaştırılmasında kullanılması**
ÖZDEMİR N., KEÇECİ K., GÜVEN E., MISIRLI Y., DENKBAŞ E. B.
IV. Ulusal Kromatografi Kongresi, Turkey, 17 - 19 September 2003
- XXVI. **Yara yanık örtü malzemesi olarak büyüme faktörü salan polimerik taşıyıcıların hazırlanması ve karakterizasyonu**
GÜVEN E., ERGÜN M. A., ÖZDEMİR N., KEÇECİ K., DENKBAŞ E. B.
XIII. Biyoteknoloji Kongresi, Turkey, 25 - 29 August 2003
- XXVII. **Norfloxacin loaded chitosan sponges as wound burn dressing material**
GÜVEN E., ÖZDEMİR N., MISIRLI Y., DENKBAŞ E. B.
IX. International Symposium on Biomedical Science and Technology, 19 - 22 September 2002
- XXVIII. **Manyetik Kitosan Mikrokürelerin Hazırlanması ve Manyetiklik Özelliklerinin Belirlenmesi**
DENKBAŞ E. B., KILIÇAY E., Birlikseven c., IRMAK S., GÜVEN E.
II.Ulusal Kromatografi Kongresi, Kırıkkale, Turkey, 6 - 08 June 2001

Supported Projects

- DENKBAŞ E. B., Project Supported by Higher Education Institutions, Enjekte Edilebilir ve Biyobozunabilir Hidrojellerin Geliştirilmesi, 2014 - Continues
- YAVUZ ALAGÖZ H., çelebier i., DENKBAŞ E. B., Malekghasemi S., KESKİN N., Project Supported by Higher Education Institutions, Tanı Amaçlı Yeni Nesil Kolorimetrik Biyosensörler, 2018 - 2021
- VURAL T., ÇELİK E., BAYRAM C., DENKBAŞ E. B., Project Supported by Higher Education Institutions, Artiküler kırıkta taklitçisi istiflenmiş hidrojel yapılarının kondrosit farklılaşmasına etkisinin araştırılması, 2016 - 2018
- DENKBAŞ E. B., Project Supported by Higher Education Institutions, Aterosklerotik Plakların Teşhis ve Tedavisinde Kullanılmak Üzere Biyokimyasal Olarak Modifiye Edilmiş Nanoplatformların Hazırlanması ve Karakterizasyonu, 2013 - 2017
- DENKBAŞ E. B., Project Supported by Higher Education Institutions, Bilimsel Araştırmaların Merkezi Merkezi Araştırma Laboratuvarı, 2016 - 2016
- DENKBAŞ E. B., Project Supported by Higher Education Institutions, DREXEL ÜNİVERSİTESİ - HACETTEPE ÜNİVERSİTESİ BİLİMSEL İŞBİRLİKLERİ KAPSAMINDA TEKNİK ZİYARET, 2015 - 2016
- DENKBAŞ E. B., BAYRAM C., ÇELİK E., Project Supported by Higher Education Institutions, Kırıkta dokusunun takliti için üç boyutlu in vitro hidrojel modellerinin geliştirilmesi, 2015 - 2016
- GÜLER Y. G., DENKBAŞ E. B., Project Supported by Higher Education Institutions, Moleküler Patoloji Uygulama Araştırma Merkezinin Yapılandırılması, 2015 - 2016
- ÇELİKBIÇAK Ö., DENKBAŞ E. B., BAYRAM C., AYDIN DEDE E. E., Project Supported by Higher Education Institutions, İleri Teknolojilerde Ticarileşme Stratejileri, 2015 - 2015
- DENKBAŞ E. B., Project Supported by Higher Education Institutions, Prostat Spesifik Antijenin Elektrokimyasal Teşhisinde Kullanılmak Üzere Peptit Nanotüp Modifiyeli Elektrotların Geliştirilmesi, 2014 - 2015

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Non Academic Experience

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