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Yoksis Araştırmacı ID: 11534

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik, Türkiye 1990 - 1994

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Türkiye 1987 - 1989

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Türkiye 1983 - 1987

Araştırma Alanları

Biyomedikal Mühendisliği, Klinik Mühendisliği, Klinik Mühendisliği, Metalurji ve Malzeme Mühendisliği, Malzeme Bilimi ve Mühendisliği, Biyomalzemeler, Nanomalzemeler, Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Magnetic gelatin nanoparticles as a biocompatible carrier system for small interfering RNA in human colorectal cancer: Synthesis, optimization, characterization, and cell viability studies**
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- II. **Development of novel poly-l-lysine-modified sericin-coated superparamagnetic iron oxide nanoparticles as siRNA carrier**
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- III. **Prevention of urinary infection through the incorporation of silver-ricinoleic acid-polystyrene nanoparticles on the catheter surface**
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- IV. **The preparation of chitosan membrane improved with nanoparticles based on unsaturated fatty acid for using in cancer-related infections**
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- V. **Potent bioactive bone cements impregnated with polystyrene-g-soybean oil-AgNPs for advanced**

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- VIII. **Transscleral Delivery of Bevacizumab-Loaded Chitosan Nanoparticles**
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- IX. **Experimental Exploration of Thermostable Poly (-Hydroxybutyrates) by Geobacillus kaustophilus Using Box-Behnken Design**
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- X. **Saponin loaded montmorillonite-human serum albumin nanocomposites as drug delivery system in colorectal cancer therapy**
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- XI. **Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen**
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- XII. **Peptide nanoparticles (PNPs) modified disposable platform for sensitive electrochemical cytosensing of DLD-1 cancer cells**
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- XIII. **Synthesis and comparison of crosslinked peptide nanoparticles based on diphenylalanine derivatives**
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- XIV. **Electrochemical immunoassay for detection of prostate specific antigen based on peptide nanotube-gold nanoparticle-polyaniline immobilized pencil graphite electrode**
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- XV. **Sensitive electrochemical detection of fenitrothion pesticide based on self-assembled peptide-nanotubes modified disposable pencil graphite electrode**
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- XVI. **Enhanced antitumor activity of epigallocatechin gallate-conjugated dual-drug-loaded polystyrene-polysoyaoil-diethanol amine nanoparticles for breast cancer therapy**
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- XVII. **Optimization of hyaluronic acid production and its cytotoxicity and degradability characteristics**
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- XVIII. **Magnetic silk fibroin e-gel scaffolds for bone tissue engineering applications**
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- XX. **Active nano/microbilayer hemostatic agents for diabetic rat bleeding model**
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- XXI. **The effect of thymoquinone coating on adhesive properties of polypropylene mesh**
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- XXV. **Novel layer-by-layer self-assembled peptide nanocarriers for siRNA delivery**
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- XXVII. **The effect of calcium chloride concentration on alginate/Fmoc-diphenylalanine hydrogel networks**
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- XXVIII. **Calcified and mechanically debilitated three-dimensional hydrogel environment induces hypertrophic trend in chondrocytes**
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- XXIX. **Hemostatic activities of nano/microporous bilayer dressings in a femoral artery bleeding rat model**
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- 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.
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- XXXI. **Concanavaline A conjugated bacterial polyester-based PHBHHx nanoparticles loaded with curcumin for breast cancer therapy**
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- XXXII. **Design of Xylose-Based Semisynthetic Polyurethane Tissue Adhesives with Enhanced Bioactivity Properties**
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- XXXIV. **Magnetically based nanocarriers in drug delivery**
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- XXXV. **Evaluation of biocompatibility of random or aligned electrospun polyhydroxybutyrate scaffolds combined with human mesenchymal stem cells**
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- XXXVII. **Preparation and in vitro/in vivo evaluation of cyclosporin A-loaded nanodecorated ocular implants for subconjunctival application**
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- XXXIX. **Downregulation of ABCE1 via siRNA affects the sensitivity of A549 cells against chemotherapeutic agents**
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- XL. **Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution**
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- XLI. **Therapeutic potential of inhibiting ABCE1 and eRF3 genes via siRNA strategy using chitosan nanoparticles in breast cancer cells**
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- XLII. **Chlorogenic Acid Containing Bioinspired Polyurethanes: Biodegradable Medical Adhesive Materials**
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- XLV. **EFFECTS OF ABCE1 DOWN-REGULATION BY RNAi ON CHEMOSENSITIVITY OF LUNG CANCER CELLS**
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- XLVI. **The effect of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHHx) and human mesenchymal**

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- LXI. **Comparative evaluation of cyclosporine A/HP beta CD-incorporated PLGA nanoparticles for development of effective ocular preparations**
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