

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Reading, Chemistry, İngiltere 1973 - 1976

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1971 - 1973

Yabancı Diller

İngilizce, C2 Yeterlilik

Yaptığı Tezler

Yüksek Lisans, Yeni bir polimerizasyon katalizörü olan Luperox (2,5- dimetil 2,5-dihidro-peroksi heksan)'ın polimerizasyon başlatıcısı olarak kullanılması : reaksiyon kinetiği, katalizörün ayrışması ve molekül ağırlığı dağılımı, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1973

Araştırma Alanları

Akademik Unvanlar / Görevler

Doç.Dr., Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 1982 - 1989

Verdiği Dersler

Advanced Biomaterials, Yüksek Lisans, 2019 - 2020

Fundamentals of Polymeric Biomaterials, Yüksek Lisans, 2019 - 2020

Yönetilen Tezler

Hasirci V. N. , Design and in vitro Testing of a Peripheral Nerve Guide, Yüksek Lisans, D.GÖKSU(Öğrenci), 2019

Hasirci V. N. , A BIO AND SYNTHETIC POLYMER BASED NERVE GUIDE TESTED UNDER IN VITRO AND IN VIVO CONDITIONS, Doktora, T.DURŞUN(Öğrenci), 2019

Hasirci V. N. , PATIENT-SPECIFIC ORTHOPEDIC IMPLANT DESIGN AND PRODUCTION WITH TISSUE ENGINEERING METHOD, Doktora, S.BÜYÜKSUNGUR(Öğrenci), 2019

Hasirci V. N. , Development of a bone tumor model under in vitro conditions, Doktora, A.KÖMEZ(Öğrenci), 2019

Hasirci V. N. , 3D printed, cell carrying gelma hydrogels in corneal stroma engineering, Doktora, C.BEKTAŞ(Öğrenci), 2018

Hasirci V. N. , Development and characterization of atissue engineered multicomponent skin substituteand a skin model, Doktora, G.EKE(Öğrenci), 2018

Hasirci V. N. , A three-dimensional printed, polycaprolactone/hydrogel based, tissue engineered meniscus, Doktora, G.BAHÇECİOĞLU(Öğrenci), 2018

Hasirci V. N. , Development of a siRNA delivery system for the treatment of osteoporosis, Doktora, D.SEZLEV(Öğrenci), 2018

Hasirci V. N. , In vitro characterization and nuclear delivery of poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) (PHBV) based nanoparticles, Yüksek Lisans, A.Şahin(Öğrenci), 2015

Hasirci V. N. , A polymeric implant for lumbar bone defects, Yüksek Lisans, B.Büşra(Öğrenci), 2015

Hasirci V. N. , Interaction between micro and nano patterned polymeric surfaces and different cell types, Doktora, H.ÖZÇELİK(Öğrenci), 2012

Hasirci V. N. , Collagen-based meniscus tissue engineering: Design and application, Doktora, A.NDREU(Öğrenci), 2011

Hasirci V. N. , Poly(L-Lactic acid) (PLLA)-based meniscus tissue engineering, Yüksek Lisans, G.BAHÇECİOĞLU(Öğrenci), 2011

Hasirci V. N. , Biodegradable polymer-hydroxyapatite nanocomposites for bone plate applications, Doktora, E.AYDIN(Öğrenci), 2010

Hasirci V. N. , Nanopatterned tubular collagen scaffolds for vascular tissue engineering, Doktora, P.ZORLUTUNA(Öğrenci), 2009

Hasirci V. N. , Hasirci N., Sequential growth factor delivery from polymeric scaffolds for bone tissue engineering, Doktora, P.YILGÖR(Öğrenci), 2009

Hasirci V. N. , Stem cell based nerve tissue engineering on guided constructs, Doktora, D.YÜCEL(Öğrenci), 2009

Hasirci V. N. , 3D patterned cardiac tissue construct formation using biodegradable materials, Doktora, H.KENAR(Öğrenci), 2008

Hasirci V. N. , Tissue engineered retinal pigment epithelium, Doktora, A.TEZCANER(Öğrenci), 2001

Hasirci V. N. , Controlled release of pain relievers for the alleviation of chronic pain, Doktora, D.ŞENDİL(Öğrenci), 2001

Hasirci V. N. , Arica Y., Increase of asparaginase in vivo half life by encapsulation and surface modification, Doktora, E.TÜRKER(Öğrenci), 2001

Hasirci V. N. , Construction of an acetylcholinesterase-cholin oxidase biosensor for the determination of aldicarb, Doktora, F.NEŞE(Öğrenci), 2001

Hasirci V. N. , Alaeddinoğlu N. G. , Bacterial production and screening of polyhydroxyalkanoates by using a novel spectrofluorometric method, Yüksek Lisans, B.EMRE(Öğrenci), 1999

Hasirci V. N. , Antibiotic release from biodegradable microbial polyesters, Yüksek Lisans, D.ŞENDİL(Öğrenci), 1997

Hasirci V. N. , Changing the liposomal surface properties by means of low molecular weight heparin, Yüksek Lisans, G.KÖSE(Öğrenci), 1996

Hasirci V. N. , Liposome-derived model DNA delivery systems, Yüksek Lisans, M.REZA(Öğrenci), 1996

Hasirci V. N. , Structural stability of liposomes and the influence of constituents, Yüksek Lisans, A.BORUCU(Öğrenci), 1994

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Amplification of nuclear deformation of breast cancer cells by seeding on micropatterned surfaces to better distinguish their malignancies**
Hasirci V. N.
Colloids And Surfaces B-Biointerfaces, cilt.183, ss.1-12, 2019 (SCI İndekslerine Giren Dergi)
- **An estradiol releasing, proangiogenic hydrogel as a candidate material for use in soft tissue interposition**
Mangir N., Eke G., HASIRCI N., Chapple C. R. , Hasirci V. N. , MacNeil S.
NEUROUROLOGY AND URODYNAMICS, cilt.38, ss.1195-1202, 2019 (SCI İndekslerine Giren Dergi)
- **A 3D printed PCL/hydrogel construct with zone-specific biochemical composition mimicking that of the meniscus**
Bahcecioglu G., HASIRCI N., Bilgen B., Hasirci V. N.
BIOFABRICATION, cilt.11, 2019 (SCI İndekslerine Giren Dergi)
- **Engineered natural and synthetic polymer surfaces induce nuclear deformation in osteosarcoma cells**
Antmen E., Ermis M., Demirci U., Hasirci V. N.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, cilt.107, ss.366-376, 2019 (SCI İndekslerine Giren Dergi)
- **Mimicking corneal stroma using keratocyte-loaded photopolymerizable methacrylated gelatin hydrogels**
Bektas C. K. , Hasirci V. N.

JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, cilt.12, 2018 (SCI İndekslerine Giren Dergi)

- **Osteogenic differentiation of adipose derived stem cells on high and low aspect ratio micropatterns**
Sayin E., Baran E. T. , Hasirci V. N.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.26, ss.1402-1424, 2015 (SCI İndekslerine Giren Dergi)
- **Preparation and Characterization of Chitosan and PLGA-Based Scaffolds for Tissue Engineering Applications**
Tanir T. E. , Hasirci V. N. , HASIRCIN.
POLYMER COMPOSITES, cilt.36, ss.1917-1930, 2015 (SCI İndekslerine Giren Dergi)
- **Biocompatibility of Dead Sea Water and retinyl palmitate carrying poly(3-hydroxybutyrate-co-3-hydroxyvalerate) micro/nanoparticles designed for transdermal skin therapy**
Eke G., Goni-de-Cerio F., Suarez-Merino B., HASIRCIN., Hasirci V. N.
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, cilt.30, ss.455-471, 2015 (SCI İndekslerine Giren Dergi)
- **Poly(ester-urethane) scaffolds: effect of structure on properties and osteogenic activity of stem cells**
KIZILTAY A., Marcos-Fernandez A., San Roman J., Sousa R. A. , Reis R. L. , Hasirci V. N. , HASIRCIN.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, cilt.9, ss.930-942, 2015 (SCI İndekslerine Giren Dergi)
- **pH-Responsive Nano Carriers for Doxorubicin Delivery**
Bagherifam S., Skjeldal F. M. , Griffiths G., Maelandsmo G. M. , Engebraten O., Nystrom B., Hasirci V. N. , HASIRCIN.
PHARMACEUTICAL RESEARCH, cilt.32, ss.1249-1263, 2015 (SCI İndekslerine Giren Dergi)
- **Tissue engineering of oral mucosa: a shared concept with skin**
Kinikoglu B., Damour O., Hasirci V. N.
JOURNAL OF ARTIFICIAL ORGANS, cilt.18, ss.8-19, 2015 (SCI İndekslerine Giren Dergi)
- **Poly(sebacic anhydride) nanocapsules as carriers: effects of preparation parameters on properties and release of doxorubicin**
Bagherifam S., Griffiths G. W. , Maelandsmo G. M. , Nystrom B., Hasirci V. N. , HASIRCIN.
JOURNAL OF MICROENCAPSULATION, cilt.32, ss.166-174, 2015 (SCI İndekslerine Giren Dergi)
- **Effect of scaffold architecture and BMP-2/BMP-7 delivery on in vitro bone regeneration**
Yilgor P., Sousa R. A. , Reis R. L. , HASIRCIN., Hasirci V. N.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, cilt.21, ss.2999-3008, 2010 (SCI İndekslerine Giren Dergi)
- **Sequential BMP-2/BMP-7 delivery from polyester nanocapsules**
Yilgor P., HASIRCIN., HASIRCIN.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, ss.528-536, 2010 (SCI İndekslerine Giren Dergi)
- **Polyester based nerve guidance conduit design**
Yucel D., Kose G. T. , Hasirci V. N.
BIOMATERIALS, cilt.31, ss.1596-1603, 2010 (SCI İndekslerine Giren Dergi)
- **Microstructured Surfaces Cause Severe but Non-Detrimental Deformation of the Cell Nucleus**
Davidson P. M. , Ozcelik H., Hasirci V. N. , Reiter G., Anselme K.
ADVANCED MATERIALS, cilt.21, ss.3586-3591, 2009 (SCI İndekslerine Giren Dergi)
- **Incorporation of a sequential BMP-2/BMP-7 delivery system into chitosan-based scaffolds for bone tissue engineering**
Yilgor P., Tuzlakoglu K., Reis R. L. , HASIRCIN., Hasirci V. N.
BIOMATERIALS, cilt.30, ss.3551-3559, 2009 (SCI İndekslerine Giren Dergi)
- **Bone tissue engineering on patterned collagen films: an in vitro study**
Ber S., Kose G., Hasirci V. N.
BIOMATERIALS, cilt.26, ss.1977-1986, 2005 (SCI İndekslerine Giren Dergi)

- **Cell implant Interactions and Their Role on Cell Behaviour**
HASIRCI V. N.
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- **3D Printed Tissue Engineered Femoral Implant Design and Production**
Büyüksungur S., Büyüksungur A., HASIRCI N., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Micropatterned Substrates for Cell Cycle Synchronization in MDA MB231 Breast Carcinoma Cell Line**
Ermış M., ÇALAMAK S., Chen P., ULUBAYRAM K., HASIRCI V. N. , demirci U.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Synthesis of Polyurethane for Coating of Neurostimulators**
Kömez A., Büyüksungur S., HASIRCI V. N. , HASIRCI N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Use of Hydroxyapatite Specific Elastin Like Polypeptide in Targeting of PLGA Nanocapsules to Bone Tissue**
Sezlev D., Uludağ H., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Development of Polymeric Cage Material for Use in Lumbar Bone Defects**
Günay B., HASIRCI N., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Delivery of Drugs into Cells with PHBV Nanoparticles**
Şahin A., EKE G., HASIRCI N., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Polycaprolactone Collagen Based Electrospun Nanofiber Scaffolds for Vascular Tissue Engineering**
Öncü S., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Guided Tissue Regeneration by Micro and Nanofabricated Scaffolds**
Baran E. T. , Kömez A., SAYIN E., HASIRCI N., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Effect of Micropatterned Surfaces on the Cell Adhesion and Nuclear Deformation of Saos 2 Cells on Collagen and PLGA Films**
Antmen E., Ermış M., Demirci U., HASIRCI V. N.
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- **Controlled Doxorubicin Delivery from Photoresponsive Liposomes Carrying Vitamin A Derivatives**
Büyüksungur S., HASIRCI N., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium., 22 - 24 October 2015
- **Co culture of VSMC and HUVEC on Electrospun Polycaprolactone Collagen Mats as a Vascular Substitute**
Öncü S., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- **Construction of a Retina Substitute by Using Tissue Engineering Approach**
Kömez A., Baran E. T. , HASIRCI V. N.
East West Asia Biomaterials Symposium, 21 October 2015
- **Open Source 3D Printed PHA PLA Construct for Bone Tissue Engineering**
Alagöz A. S. , HASIRCI N., HASIRCI V. N.
East West Asia Biomaterials Symposium, 21 October 2015
- **Influence of Micropatterns on Human Mesenchymal Stem Cell Fate**
Hastürk O., HASIRCI N., HASIRCI V. N.
East West Asia Biomaterials Symposium, 21 October 2015
- **NaCMC and Collagen Bilayer Scaffolds for Skin Tissue Engineering**
BEKTAŞ C., Kırmız I., ŞENDEMİR ÜRKMEZ A., HASIRCI V. N. , HASIRCI N.
East West Asia Biomaterials Symposium, 21 October 2015
- **Contribution of a Bioactive Elastin Like Protein to 2D Collagen Fibroin Scaffolds**
SAYIN E., Rodriguez Cabello J. C. , Baran E. T. , HASIRCI V. N.

East West Asia Biomaterials Symposium, 21 October 2015

- **Biopolymers in Tissue Engineering and Regenerative Medicine**

HASIRCI V. N. , Alagöz S., DURSUN T., Kılıç Bektaş C., Hasirci N.

European Symposium on Biopolymers (ESBP2015) , 16 - 18 September 2015

- **Delivery of Drugs into Cells with PHBV Nanoparticles**

Şahin A., EKE G., HASIRCIN., HASIRCI V. N.

4th TERMIS World Congress, 8 - 11 September 2015, cilt.21, ss.1-413

- **A 3D Printed PCL Based Scaffold for Potential Use in Meniscal Regeneration**

BAHÇECİOĞLU G., HASIRCIN., HASIRCI V. N.

4th TERMIS World Congress, 8 - 11 September 2015

- **Collagen and Carboxymethyl Cellulose Bilayers for Skin Tissue Repair**

BEKTAŞ C., Kımız I., ŞENDEMİR ÜRKMEZ A., HASIRCI V. N. , HASIRCIN.

27th The European Conference on Biomaterials (ESB), 30 August - 03 September 2015

- **A Novel Biological Polyester Based Wet Spun Scaffold for Bone Tissue Engineering**

ALAGÖZ A. S. , Rodriguez Cabello J. C. , HASIRCIN., HASIRCI V. N.

27th European Conference on Biomaterials (ESB), 30 August - 03 September 2015

- **Effect of Osteogenic Growth of Adipose Derived Stem Cells And Human Osteoblasts on the Mechanical Properties of Protein Based Films with Microchannels**

SAYIN E., Rashid R. H. , Elsheikh A., Rodriguez Cabello J. C. , BARAN E. T. , HASIRCI V. N.

27th European Conference on Biomaterials (ESB), 30 August - 03 September 2015

- **Wet Spun Scaffolds of PHA PLA Blend for Bone Tissue Engineering**

Alagöz A. S. , Rodriguez Cabello J. C. , HASIRCIN., HASIRCI V. N.

27th European Conference on Biomaterials (ESB), 30 August - 03 September 2015

- **Patterned Thermoresponsive NIPAM pHEMA Hydrogels for Corneal Repair**

BEKTAŞ C., HASIRCI V. N.

27th European Conference on Biomaterials (ESB2015), 30 August - 03 September 2015

- **3D plotted PCL scaffolds for stem cell based bone tissue engineering**

Yılgor P., Sousa R. A. , Reis R. L. , HASIRCIN., Hasirci V. N.

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Atıflar

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Ödüller

Hasirci V. N. , Honorary member, European Society For Biomaterials, Eylül 2018

Hasirci V. N. , Sedat Simavi Bilim Ödülü, Türkiye Gazeteciler Cemiyeti , Aralık 2017

Hasirci V. N. , Bilim Akademisi Üyeliği, Bilim Akademisi, Ocak 2014

Hasirci V. N. , Fellowship, International Union Of Societies Biomaterials Science And Engineering , Eylül 2012

Hasirci V. N. , Bilim Ödülü, Bilim Akademisi, Aralık 2001