

Öğr.Gör. EZGİ ANTMEN ALTUNSOY

Kişisel Bilgiler

İş Telefonu: [+90 312 210 5341](tel:+903122105341)

Fax Telefonu: [+90 312 210 4173](tel:+903122104173)

E-posta: ezgia@metu.edu.tr

Diğer E-posta: ezgiantmenn@gmail.com

Web: <https://avesis.metu.edu.tr/ezgia>



Uluslararası Araştırmacı ID'leri

ScholarID: LuvNzC8AAAAJ

ORCID: 0000-0003-1271-4644

Publons / Web Of Science ResearcherID: AAF-7058-2020

ScopusID: 56586927900

Araştırma Alanları

Biyomedikal Mühendisliği

Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Mühendislik Bilimleri Bölümü, 2019 - Devam Ediyor

Verdiği Dersler

SPECIAL TOPICS IN ES INTRODUCTION TO BIOENGINEERING, Lisans, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Nuclear Deformability of Breast Cells Analyzed from Patients with Malignant and Benign Breast Diseases**
Antmen E., Ermis M., Kuren O., Beksac K., Irkkan C., HASIRCI V. N.
ACS BIOMATERIALS SCIENCE & ENGINEERING, cilt.9, ss.1629-1643, 2023 (SCI-Expanded)
- II. **From 3D printing to 3D bioprinting: the material properties of polymeric material and its derived bioink for achieving tissue specific architectures**
Vrana N. E., Gupta S., Mitra K., Rizvanov A. A., Solovyeva V. V., ANTMEN ALTUNSOY E., Salehi M., Ehterami A., Pourchet L., Barthes J., et al.
CELL AND TISSUE BANKING, cilt.23, sa.3, ss.417-440, 2022 (SCI-Expanded)
- III. **In vitro two-step granuloma formation model for testing innate immune response to implants and coatings**
ANTMEN ALTUNSOY E., Muller C. B., Calligaro C., Dupret-Bories A., Barthes J., Lavalle P., Vrana N. E.
BIOMATERIALS ADVANCES, cilt.138, 2022 (SCI-Expanded)
- IV. **A Cell Culture Chip with Transparent, Micropillar-Decorated Bottom for Live Cell Imaging and Screening of Breast Cancer Cells**

Ermis M., ANTMEN ALTUNSOY E., Kuren O., Demirci U., Hasirci V.

MICROMACHINES, cilt.13, sa.1, 2022 (SCI-Expanded)

- V. **The role of biomaterials and scaffolds in immune responses in regenerative medicine: macrophage phenotype modulation by biomaterial properties and scaffold architectures**

ANTMEN ALTUNSOY E., Vrana N. E., HASIRCI V. N.

BIOMATERIALS SCIENCE, cilt.9, sa.24, ss.8090-8110, 2021 (SCI-Expanded)

- VI. **Micropatterned Surfaces Expose the Coupling between Actin Cytoskeleton-Lamin/Nesprin and Nuclear Deformability of Breast Cancer Cells with Different Malignancies.**

Antmen E., Demirci U., Hasirci V.

Advanced biology, cilt.5, 2021 (SCI-Expanded)

- VII. **A two-compartment bone tumor model to investigate interactions between healthy and tumor cells**

Komez A., Buyuksungur A., Antmen E., Swieszkowski W., HASIRCI N., Hasirci V.

Biomedical Materials (Bristol), cilt.15, sa.3, 2020 (SCI-Expanded)

- VIII. **Amplification of nuclear deformation of breast cancer cells by seeding on micropatterned surfaces to better distinguish their malignancies**

ANTMEN ALTUNSOY E., Demirci U., Hasirci V.

COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.183, 2019 (SCI-Expanded)

- IX. **Engineered natural and synthetic polymer surfaces induce nuclear deformation in osteosarcoma cells**

Antmen E., ERMİŞ ŞEN M., Demirci U., HASIRCI V. N.

JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, cilt.107, sa.2, ss.366-376, 2019 (SCI-Expanded)

- X. **Micro and Nanofabrication methods to control cell-substrate interactions and cell behavior: A review from the tissue engineering perspective**

ERMİŞ ŞEN M., Antmen E., HASIRCI V. N.

BIOACTIVE MATERIALS, cilt.3, sa.3, ss.355-369, 2018 (SCI-Expanded)

- XI. **CONTRIBUTION OF PHYSICAL FORCES ON THE DESIGN OF BIOMIMETIC TISSUE SUBSTITUTES**

Ermis M., Baran E. T., Dursun T., Antmen E., Hasirci V.

BIO-INSPIRED MATERIALS FOR BIOMEDICAL ENGINEERING, ss.59-76, 2014 (SCI-Expanded)

Metrikler

Yayın: 12

Atıf (WoS): 163

Atıf (Scopus): 34

H-İndeks (WoS): 4

H-İndeks (Scopus): 2