

Lect. EZGİ ANTMEN ALTUNSOY

Personal Information

Office Phone: [+90 312 210 5341](tel:+903122105341)

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

Email: ezgia@metu.edu.tr

Other Email: ezgiantmenn@gmail.com

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



Research Areas

Biomedical Engineering

Academic Titles / Tasks

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2019 - Continues

Courses

SPECIAL TOPICS IN ES INTRODUCTION TO BIOENGINEERING, Under Graduate, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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), vol.15, no.3, 2020 (Journal Indexed in SCI Expanded)
- II. **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, vol.183, 2019 (Journal Indexed in SCI)
- III. **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, vol.107, no.2, pp.366-376, 2019 (Journal Indexed in SCI)
- IV. **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, vol.3, no.3, pp.355-369, 2018 (Journal Indexed in SCI)
- V. **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, pp.59-76, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **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, vol.5, 2021 (Refereed Journals of Other Institutions)

Citations

Total Citations (WOS):41

h-index (WOS):2