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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Mühendislik Bilimleri (Dr), Turkey 2015 - Continues

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Mühendislik Bilimleri (Yl) (Tezli), Turkey 2012 - 2017

Dissertations

Postgraduate, Analysis of stress in the elastic state in a solid cylinder subjected to periodic boundary condition, Middle East Technical University, Graduate School of Natural and Applied Sciences, Mühendislik Bilimleri (Yl) (Tezli), 2015

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Engineering Sciences, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **3D porous PCL-PEG-PCL / strontium, magnesium and boron multi-doped hydroxyapatite composite scaffolds for bone tissue engineering**
Yedekçi B., Tezcaner A., Yilmaz B., Demir T., Evis Z.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.125, 2022 (SCI-Expanded)
- II. **Synthesis and sintering of B, Sr, Mg multi-doped hydroxyapatites: Structural, mechanical and biological characterization**
YEDEKÇİ B., TEZCANER A., Alshemary A. Z., Yilmaz B., DEMİR T., EVİS Z.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.115, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **A COMPUTATIONAL MODEL FOR PARTIALLY PLASTIC STRESS ANALYSIS OF ORTHOTROPIC VARIABLE THICKNESS DISKS SUBJECTED TO EXTERNAL PRESSURE**

Refereed Congress / Symposium Publications in Proceedings

- I. **Bor ve Stronsiyum Eş-Katkılı Hidroksiapatitlerin Sentezi ve Mikroyapı Analizi**
YEDEKÇİ B., TEZCANER A., YILMAZ B., DEMİR T., ALSHEMARY A. Z. G., EVİS Z.
Boron 2019 Uluslararası Bor Sempozyumu, Nevşehir, Turkey, 17 - 19 April 2019
- II. **Microstructure Analysis of Cu₂/SiO₄ 4- Co-doped Nanohydroxyapatite**
ÖNCÜ S., YEDEKÇİ B., ALSHEMARY A. Z. G., TEZCANER A., KESKİN D., EVİS Z.
22nd Biomedical Science and Technology Symposium, 12 - 14 May 2017
- III. **SİNÜZOİDAL DEĞİŞEN İÇ ISI ÜRETİMİ ETKİSİNDEKİ SİLİNDİRİN KISMEN PLASTİK ANALİTİK ÇÖZÜMÜ**
APATAY T., ERASLAN A. N., YEDEKÇİ B.
Ulusal Mekanik Kongresi XIX, Trabzon, Turkey, 24 - 28 August 2015, vol.1, pp.97-104

Metrics

Publication: 6

Citation (WoS): 16

Citation (Scopus): 40

H-Index (WoS): 2

H-Index (Scopus): 2