

Res. Asst. BESTE DİPÇİN

Personal Information

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International Researcher IDs

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Education Information

Postgraduate, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Natural And Applied Sciences, Biomedical Engineering, Turkey 2024 - Continues

Undergraduate Double Major, Acibadem Mehmet Ali Aydinlar University, Faculty Of Health Sciences, Healthcare Management, Turkey 2021 - 2025

Undergraduate, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Molecular Biology And Genetics, Turkey 2020 - 2024

Foreign Languages

German, A2 Elementary

English, C1 Advanced

Certificates, Courses and Trainings

Other, Deneý Hayvanları Kullanım Sertifikası Kemirgen & Domuz, Acibadem Mehmet Ali Aydinlar University, 2021

Research Areas

Biomedical Engineering, Biomaterials, Nanomaterials, Biophysics, Biotechnology

Academic Titles / Tasks

Research Assistant, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2024 - Continues

Courses

Undergraduate

Physics II (Laboratory), Undergraduate, 2024 - 2025

Physics 1 (Laboratuvar), Undergraduate, 2024 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel carbon quantum dot (CQD) synthesis method with cost-effective reactants and a definitive indication: Hot bubble synthesis (HBBBS)**
Dipçin B., Guvendiren B., Birdogan S., Tanoren B.
JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES, vol.9, no.4, 2024 (SCI-Expanded)
- II. **Determination of the significance of atomic concentration on surface properties of Ba_xMg_{1-x}F₂ alloy coatings via microscopic and spectroscopic techniques**
Baris E., TANOREN B., DİPÇİN B., GÜZELÇİMEN F.
RSC ADVANCES, vol.14, no.36, pp.26043-26049, 2024 (SCI-Expanded)
- III. **Examination of annulus fibrosus and nucleus pulposus in cervical and lumbar intervertebral disc herniation patients by scanning acoustic microscopy, scanning electron microscopy and energy dispersive spectroscopy**
TANOREN B., Dipcin B., Birdogan S., Unlu M. B., Ozdol C., Aghayev K.
RSC ADVANCES, vol.14, no.4, pp.2603-2609, 2024 (SCI-Expanded)

Supported Projects

Tanoren B., Kocagöz Z. T., Kizilbey K., Gök Özatay Ö., Dipçin B., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Farklı Kuantum Noktalarının Standart Mikroorganizma Suşu ve Laboratuvar Koleksiyon Suşlarında Antimikrobiyal Etkilerinin Araştırılması ve Suşların Floresan Mikroskopisi ile Görüntülenmesi, 2024 - 2026
Tanoren B., Gök Ö., DİPÇİN B., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TTR Geni Hedefli Nanoparçacıkların Oluşturulması ve Nanoparçacıkların Transtiretin Proteini Üretimi ile Hücre Canlılığına Etkisinin Araştırılmasıyla Hücre Lokalizasyonunun Konfokal Mikroskopla Gözlemlenmesi, 2023 - 2024

Scientific Research / Working Group Memberships

Bukem Lab, Acibadem Mehmet Ali Aydınlar University, Turkey, <https://www.bukemlab.com/>, 2022 - Continues

Metrics

Publication: 3

Citation (Scopus): 1

H-Index (Scopus): 1

Congress and Symposium Activities

26. Ulusal Elektron Mikroskopi Kongresi, Attendee, Eskişehir, Turkey, 2023

XXVII School of Pure and Applied Biophysics-Extracellular Vesicles: from biophysical to translational challenges, Attendee, Venice, Italy, 2023