Assoc. Prof. ÖZNUR AKBAL VURAL

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, Turkey 2012 - 2018
Postgraduate, Hacettepe University, Fen Bilimleri, Nanoteknoloji Ve Nanotıp, Turkey 2009 - 2012
Undergraduate, Abant İzzet Baysal Üniversitesi, Fen Bilimleri, Biyoloji, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Etik Kurul Sertifikası, Gazi Üniversitesi/ Tıp, 2010

Dissertations

Doctorate, İlaç Taşıyıcı Sistem Olarak Kullanılmak Üzere Kil-Protein Kompozit Nanopartiküllerin Hazırlanması Ve Karakterizasyonu , Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, 2018
Postgraduate, KANSER TEDAVİSİNDE KULLANILMAK ÜZERE PROTEİN VE POLİSAKKARİD BAZLI NANOKÜRELERİN HAZIRLANMASI VE KARAKTERİZASYONU, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, 2012

Research Areas

Life Sciences, Biotechnology, Biomaterial, Biosensor, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Rektörlük-B, Özel Kalem, 2018 - Continues
Research Assistant, Gazi University, Fen Bilimleri, Biyoloji, 2014 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Fabrication of trastuzumab conjugated curcumin nanoparticles based impedimetric cytosensor for the cancer cell detection**
Tugce Yaman Y., AKBAL VURAL Ö., Bolat G., ABACI S.
Microchemical Journal, vol.191, 2023 (SCI-Expanded)

II. **Electrosynthesis of poly (4-amino-3-nitrostyrene) film and its characterization**
BOLAT TOPÇU G., YAMAN Y. T., AKBAL VURAL Ö., ABACI S., UZUN C.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.53, no.2, pp.227-240, 2023 (SCI-Expanded)

Books & Book Chapters

I. **Electrochemical Biosensors for Detection of Important Molecules**
YAMAN Y. T., VURAL T., AKBAL Ö., ABACI S.
in: Advanced Electrochemistry, Abaci Serdar, Editor, HACETTEPE, Ankara, pp.49-74, 2018

II. **Surface Modifications of Electrodes with Different Strategies**
VURAL T., AKBAL Ö., YAMAN Y. T., malekghasemi s., ABACI S.
in: Advanced Electrochemistry, Abaci Serdar, Editor, HACETTEPE, Ankara, pp.75-90, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **Preparation and Characterization of Cerium Oxide Nanoparticlesfor Biomedical Applications**
ERDAL E., MALEKGHASAME S., AKBAL Ö., VURAL T., DEMİRBİLEK M., UĞURLU N., DENKBAŞ E. B.
Nanotech / Biotech / SurtechMiddle East 2017, 4 - 06 December 2017

II. **Difenilalanin Türevi Dipeptitlerden Nanopartiküllerin Hazırlanması, Karakterizasyonu ve Uygulamaları**
BOZDOGAN B., AKBAL Ö., VURAL T., DENKBAŞ E. B.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017

III. **Drug Delivery with Clay-Albumin Composite Nanoparticles for Cancer Therapy**
AKBAL Ö., VURAL T., MALEKGHASEMİ s., BOZDOGAN B., DENKBAŞ E. B.
Global Biotechnology Congress, boston, United States Of America, 10 - 13 June 2017

IV. **PROTEIN AND POLYMERIC NANOPARTICLES FOR CANCER THERAPY SYNTHESIS CHARACTERIZATION DRUG RELEASE AND INTERACTION WITH A BREAST CANCER CELL LINE MCF 7**
AKBAL Ö., ERDAL E., VURAL T., KAVAZ D., DENKBAŞ E. B.
9th International Conference of Anticancer Research, sithonia, Greece, 6 - 10 October 2014

Metrics

Publication: 29
Citation (WoS): 180
Citation (Scopus): 148
H-Index (WoS): 8
H-Index (Scopus): 6

Non Academic Experience

Universitat Politècnica de València
Utrecht University