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ScopusID: 55544573600

Yoksis Araştırmacı ID: 109996

### Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Türkiye 2009 - 2015

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Türkiye 2007 - 2009

Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye 2003 - 2007

### Yaptığı Tezler

Doktora, Yeni nesil nanosensör tasarımı ve antiparkinson ilaç analizlerinde kullanımı, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2015

Yüksek Lisans, Lornoksikam'xxın elektroanalitik incelenmesi ve tayini, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2009

### Araştırma Alanları

Sağlık Bilimleri, Temel Bilimler

### Akademik Unvanlar / Görevler

Doç. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2023 - Devam Ediyor

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2010 - Devam Ediyor

### Verdiği Dersler

Laboratuvar Güvenliği, Lisans, 2017 - 2018

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

1. Spectroscopic, electrochemical, and molecular docking studies of the interaction between the

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- VII. **Exploring molecular interaction of cefpirome with human serum albumin: In vitro and in silico approaches**  
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- IX. **Development of the electrochemical, spectroscopic and molecular docking approaches toward the investigation of interaction between DNA and anti-leukemic drug azacytidine**  
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- X. **Development of a Diamond Nanoparticles-based Nanosensor for Detection and Determination of Antiviral Drug Favipiravir**  
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- XI. **Electrochemical Biosensor Design with Multi-walled Carbon Nanotube to Display DNA-Schiff Base Interaction**  
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- XIII. **Interaction of citalopram and escitalopram with calf Thymus DNA: A spectrofluorometric, voltammetric, and liquid chromatographic approach**  
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- JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.195, 2021 (SCI-Expanded)
- XIV. **Revisiting pharmaceutical analysis in the light of new technologies-volume ii**  
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- XVII. **Molecularly Imprinted Electrochemical Sensors: Analytical and Pharmaceutical Applications Based on Ortho-phenylenediamine Polymerization**  
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- XVIII. **Electrochemical Detection of Vascular Endothelial Growth Factor by Molecularly Imprinted Polymer**  
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- XXI. **Electrochemical detection of ct-dsDNA on nanomaterial-modified carbon based electrodes**  
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- XXIV. **Electrochemical Detectors in Liquid Chromatography: Recent Trends in Pharmaceutical and Biomedical Analysis**  
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- XXVIII. **Voltammetric Investigation and Determination of Piribedil in Pharmaceutical Dosage Forms Using Carbon-Based Electrodes**

- BOZAL PALABIYIK B., USLU B.  
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- XXIX. **Comparative study for voltammetric investigation and trace determination of pramipexole at bare and carbon nanotube-modified glassy carbon electrodes**  
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- XXX. **Diffusion, Adsorption and Electrode Kinetics of Electro-oxidations on a Stationary Solid Electrode**  
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- XXXI. **Advances in electrochemical DNA biosensors and their interaction mechanism with pharmaceuticals**  
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- XLII. **Multi-walled carbon nanotube modified glassy carbon electrode as a voltammetric nanosensor for the sensitive determination of anti-viral drug valganciclovir in pharmaceuticals**  
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- XLIII. **Validation of liquid chromatographic method for simultaneous determination of quinapril and hydrochlorothiazide in pharmaceutical dosage forms Kinapril ve hidroklorotiazidin farmasötik dozaj formlarından eş zamanlı tayini için sıvı kromatografisi metot validasyonu**  
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- XLIV. **Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Voltammetric determination of antipsychotic drug flupentixol HCl in human serum at a boron-doped diamond electrode**  
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## **Kitap & Kitap Bölümleri**

- I. Future prospects and concluding remarks for electroanalytical applications of quantum dots**  
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- IV. Reviewing Analytical Methods for Detection and Determination of Tadalafil**  
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- V. Elektrokimyasal İlaç Analizlerinde Moleküler Baskılanmış Polimer Kullanımı**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

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- III. **Spektroskopik ve Elektrokimyasal Tekniklerle Antikanser İlaç Azasitidin-DNA Arasındaki Etkileşimin İncelenmesi**  
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- IV. **Yeşil kimya tabanlı elektroanalitik sensor hazırlamada soğuk plazma kullanımı**  
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- V. **A molecularly imprinted electrochemical sensor for selective detection of COVID-19 drug-favipiravir in biological samples**  
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- X. **Study on electrochemical properties and DNA interaction of a novel schiff base**  
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- XI. **Electrochemical detection of nasal decongestant drug oxymetazoline by -COOH functionalized MWCNTs and titania nanoparticles modified electrode**  
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- XIII. **Quantitative analysis of ropinirole from tablets and serum samples by voltammetric techniques**  
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- XIV. **MWCNT/CdS quantum dot modified glassy carbon electrode for the determination of Clopidogrel bisulfate in tablet dosage form and serum samples**  
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- XV. **Electrochemical study of anti-parkinson drug piribedil at boron-doped diamond and edge plane pyrolytic graphite electrodes**

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28. International Symposium on Pharmaceutical and Biomedical Analysis, 2 - 05 Haziran 2017

- XVI. **Modified electrode design for sensitive detection of vardenafil from pharmaceutical dosage forms**  
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- XVII. **Diffusion Adsorption and Electrode Kinetics of Electro Oxidations on a Stationary Solid Electrode**  
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- XIX. **Voltametri, Uv Ve Florimetrik Spektroskopi Yöntemleri İle Lapatinip- Dsdna Etkileşim Mekanizmasının Aydınlatılması**  
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- XXIII. **Application of various electrochemical biosensors**  
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- XXIV. **Antihipertansif ilaçların kromatografik yöntemlerle analizinde son gelişmeler**  
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- XXVII. **Design of a novel nanosensor for the determination of the antiparkinson drug ropinirole from pharmaceutical dosage forms**  
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- XXVIII. **New perspectives for determination of pramipexole Multi walled carbon nanotubes modified electrode**  
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- XXIX. **Electrochemical mechanism and kinetic studies of nilotinib**  
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- XXXIII. **Electrochemical investigation for gemifloxacin and dsDNA interaction**  
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- XXXIV. **Electrochemical mechanism of anticancer drug lapatinib and its interaction with dsDNA by comparison spectroscopic techniques**  
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- XXXVI. **Sensitive determination of antiviral drug valganciclovir based on multi-walled carbon nanotube modified glassy carbon electrode in pharmaceutical dosage forms**  
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- XXXIX. **COOH functionalized carbon nanotubes with silver nanoparticles to fabricate a sensor for the determination of zolmitriptan**  
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- XL. **Electrochemical and spectroscopic studies of the interaction between anticancer drug lapatinib and calf thymus DNA**  
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- XLI. **Simultaneous determination of amlodipine and atorvastatine from pharmaceutical dosage forms by voltammetric methods**  
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- XLVI. **Determination of anticancer drug epirubicine in pharmaceutical preparations via glassy carbon electrode**  
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- XLVIII. **Understanding Electrochemical Mechanism of Epirubicin on Glassy Carbon Electrode via Model Pharmaceuticals**  
KURBANOĞLU S., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.  
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- XLIX. **Electrochemical Behavior of Epirubicin at Boron-Doped Diamond Electrode and Its Determination in the Presence of Surfactants**  
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- L. **Electrochemical behavior of epirubicin at boron doped diamond electrode and its determination in the presence of surfactants**  
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- LI. **Analytical Applications Of Voltammetric Methods For The Simultaneous Determination Of Bisoprolol Fumarate And Hydrochlorothiazide In Their Dosage Forms**  
USLU B., BOZAL PALABIYIK B., GÜMÜŞTAŞ M., DOĞAN TOPAL B., ÖZKAN S. A.  
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- LII. **Optimization of LC Methods for the Simultaneous Determination of Bisoprolol and Hydrochlorothiazide in Their Pharmaceutical Dosage Forms**  
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- LIII. **Optimization of LC methods for the simultaneous determination of bisoprolol and hydrochlorothiazide in their pharmaceutical dosage forms**  
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- LV. **Voltammetric determination of lornoxicam in pharmaceutics and human serum using a boron doped diamond electrode**  
BOZAL PALABIYIK B., USLU B.  
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- LVI. **İlaçlardan ve kan serumundan irbesartanın elektrokimyasal yöntemlerle tayini**  
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## **Desteklenen Projeler**

Bozal Palabıyık B., Kanca N., abuk T. Z., Uslu B., TBİTAK Projesi, Non-Steroidale Antiinflamatuvlar İlaların St Numunelerinden Hassas ve Hızlı Tayini İin Nanoteknoloji Tabanlı Hibrit Analitik Yntem Geliştirilmesi, 2023 - 2025

## **Metrikler**

Yayın: 124

Atıf (WoS): 657

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## **Burslar**

2219 Yurt DıŐı Doktora Sonrası AraŐtırma Burs Programı, niversite, 2017 - 2017